

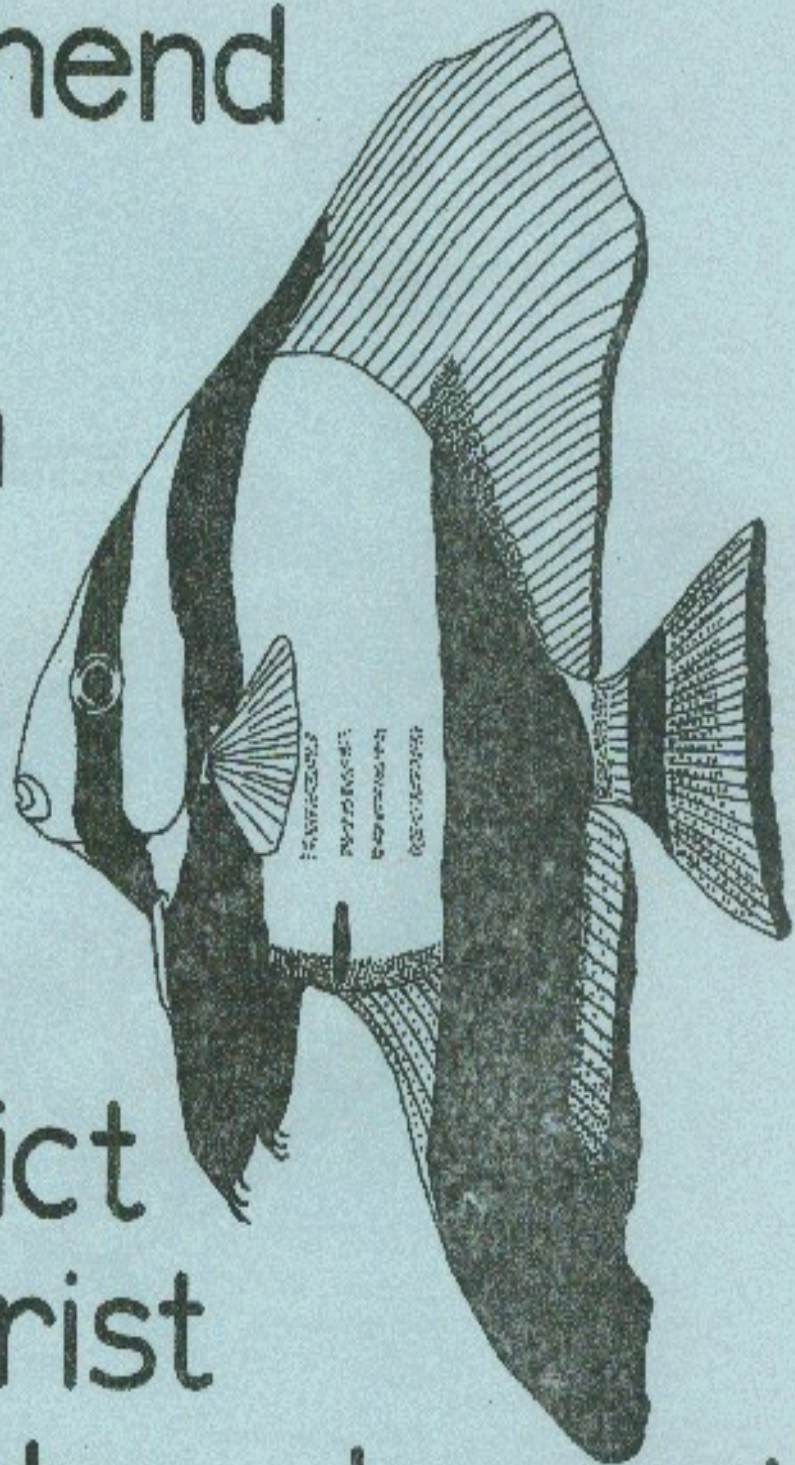
Southend

Leigh

and

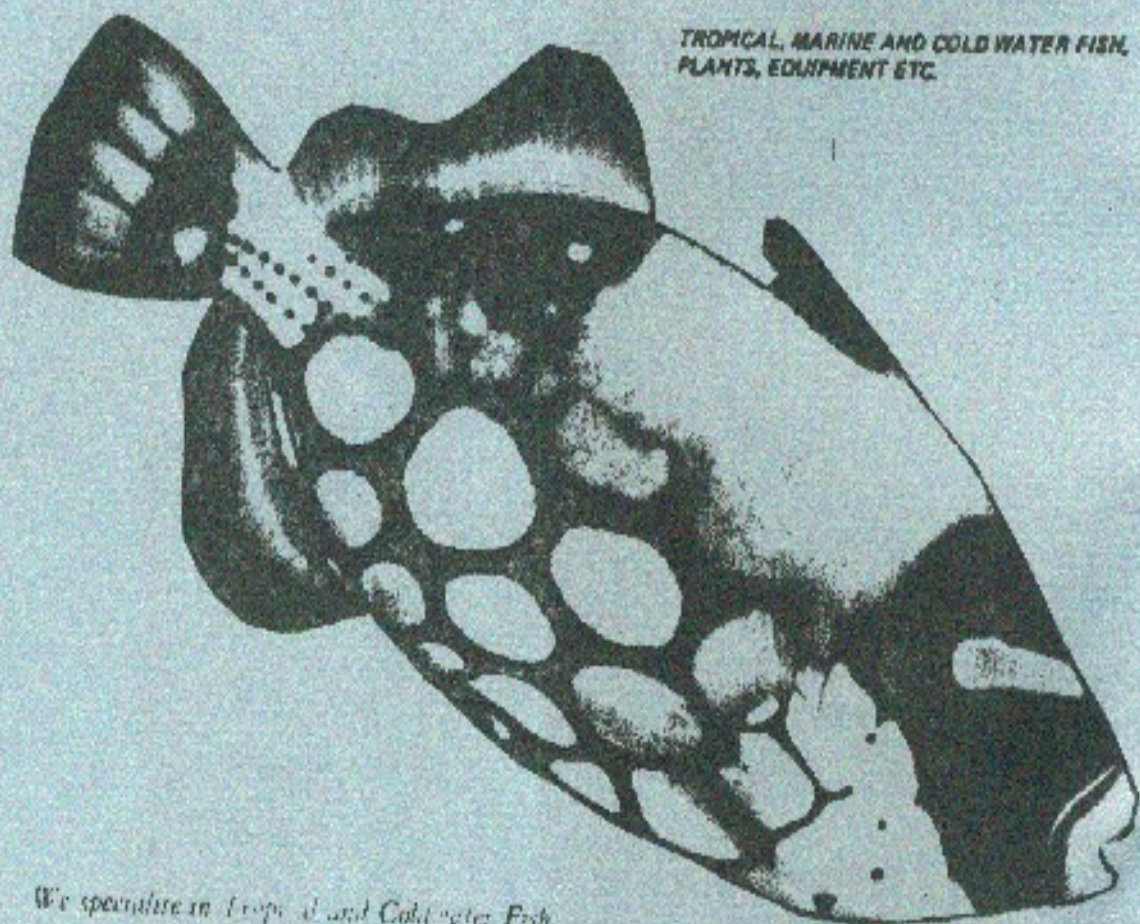
District
Aquarist
Society.

Journal



Studio One Aquatics

TROPICAL, MARINE AND COLD WATER FISH,
PLANTS, EQUIPMENT ETC.

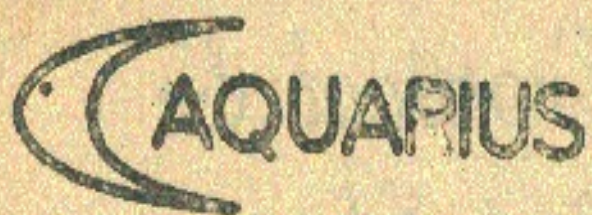


*We specialise in Tropical and Cold water Fish,
Plants, Feeds and equipment
MARINE
But above all advice and help given on your aquarium*

M.W. & M.J. WOOD

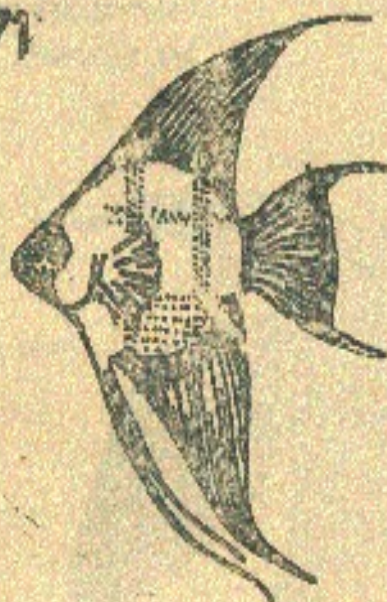
1 Elm Road, Leigh-on-Sea, Essex

Tel: Southend-on-Sea 75328



81 Leigh Road
Leigh-on-Sea
Essex.

Telephone:
(0702) 210071



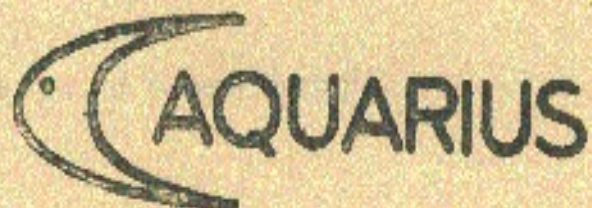
We Cater for All Aquarists

MARINE FISH & INVERTEBRATES

FRESHWATER TROPICALS

COLDWATER FISH

Tropical Freshwater
Fish, Plants and
Aquatic Products.



SOUTHEND, LEIGH AND DISTRICT AQUARIST SOCIETY

MEETINGS - First and Third Tuesday in each month

AT:-

**ST ANDREWS HALL
ELECTRIC AVENUE
WESTCLIFF ON SEA
ESSEX**

(Entrance in Southview Drive)

BI-MONTHLY JOURNAL Number 70

JANUARY - FEBRUARY 1978

CONTENTS	PAGE
Officers for 1978	5
Committee Meeting Reports	6
President`s Page	A. Chapman 8
The Aquarists Glossary	M.C. Mash 11
Cacti and Succulents	D. Holliday 12
Quiz	13
Club News	14
All the President`s Men	E.D. Itter 15
Table Show Results	17

PERMISSION is granted to reprint items from this Journal on condition thait authorship and S.L.A.,D.A..S. are acknowledged and two copies of the publication bearing the item are sent to S.L.A.D.A.S.

OFFICERS, FOR 1978

President

A. Chapman,
5B Fairlop Avenue,
Canvey Island,
Essex.
Telephone: Canvey 6714-4-

Hon Secretary

D. Cheswright,
2 Cedar Avenue,
Wickford,
Essex.
Telephone: Wickford 2531

Table Show Secretary

G. Dyer,
32 Symons Avenue,
Eastwood,
Leigh-on-Sea,
Essex.
Telephone: Southend 526139

Assistant Editor

K. Dyke,
155 North Road,
Westcliff-on-Sea,
Southend,
Essex.
Telephone: Southend 353473

Assistant Librarian

D. Holliday,
22 Albany Avenue,
Westcliff-on-Sea,
Southend,
Essex.
Telephone: Southend 62357

Vice President

D.C.M. Durrant,
172 Trinity Road,
Southend-on-Sea,
Essex
Telephone: Southend 610576

Hon Treasurer

R. Faulks,
276 South Avenue,
Southend-on-Sea,
Essex.

Journal Editor

F. Gardner,
22 Grove Road,
Rayleigh
Essex.

Telephone: Rayleigh 747630

Librarian

A.: Moltino,
56 Westcliffe Park Drive,
Westcliff-on-Sea,
Southend
Essex
Telephone: Southend 353539

Public Relations Officer

A. Smith,
39 Willow Walk,
Hadleigh,
Essex.

Telephone: Southend 555540

Social Secretary

Mrs A. Cheswright,
2 Cedar Avenue,
Wickford,
Essex.
Telephone: Wickford 2531

Open Show Secretary

A. Smith,
39 Willow Walk,
Hadleigh,
Essex.
Telephone: Southend 55554-0

Committee Member

D. Finch,
165 Bull Lane,
Rayleigh,
Essex.
Telephone: Rayleigh 775677

Co-opted Committee Member

Mrs L. Faulks,
276 South Avenue,
Southend-on-Sea
Essex.

MINUTES of Committee Meeting 29th November 1977.

Present. President, vice-President, Secretary, Treasurer and Messrs. Smith, Dyke, Holliday, Moltino, Dyer, Finch, Gardner and Mrs Cheswright, Mrs Faulks present as guests.

The meeting commenced at 8.30 p.m.

Matters arising - Mr. Moltino asked re the price of teas-and coffees. President said there was a £2 surplus last year. It was agreed to leave the price unchanged for the present especially as Subscription had just been raised to cover meeting costs.

Mr. Holliday said that on 1st November there was again much talking from a group of members during the lecture. It was agreed that Committee members must set an example on this. Agreed President to mention this problem to members.

Mrs Cheswright said that Catalogues and a letter had, been received from Waveney Fish Farm, Diss Norfolk, suggesting a visit in the Summer when they could probably offer 10% discount.

Mr. Smith said that he had re-commenced sending meeting reports to Aquarist and Petfish.

Treasurers report. Balances held £151.61.

The President read out report of the Outing to Petfish Show. Loss £10.13. He said the Social Report for 26th November would be presented at next Meeting. Profit about £35-

Mr. Finch asked re the Missing Open Show (Trophies. Mr. Smith stated that these could not be recovered from the 1976 winners as Class G had apparently not been returned from 1975 and the winner of P and S could not be traced. Mr. Smith has written to the other 2. He has also sent an announcement re the missing trophies to Petfish.

Mr. Holliday asked re Membership cards for 1977/8. that Treasurer issues new cards as Subs come in. It was agreed

Mr. Durrant stated that Mrs Faulks is a very keen and active member and always comes to Committee meetings as a guest. He suggested that she be co-opted onto the Committee. President said that at the A.G.M. it was stated that there should be only 12 members but Secretary pointed out that he had said at the A.G.M. that others could be co-opted on. It was not usual to do so, however, unless to do a specified job. Mr. Moltino asked if any member can come as a guest and the President said they could provided they had the approval of the member at whose home the Meeting was held. Mr. Faulks said that she attends as a guest in order not to be alone at home and is always willing to do any job required. Mr. Smith proposed that Mrs Paulks be co-opted onto the Committee to assist him with the sale of Goods, this being an amendment to Mr. Durrants proposal "to co-opt Mrs J Faulks". The Amendment was seconded by Mr. Holliday and passed, 6 for 1 against, 4- abstentions.

Mr. Durrant mentioned the procedure at A.G.M.'s that Committee members, once appointed could not propose or vote for the rest of the appointments. He said there was nothing in the rules to specify this procedure. Secretary said this had been done ever since he first joined but, legally was a matter of etiquette and he did not think proposals and votes could be legally banned.

Secretary said that Ilford A.S. had suggested Monday 13th March 1978 for Inter-club with them and Romford. Table show classes not yet known.
The meeting closed at 12.20 a.m.

PRESIDENT'S PAGE

Well here we go again, another year of writing a page for the Journal..

First things first, I would like to take this opportunity to thank the Members for voting me in as President for another year, it feels like one feels that things went O.K. the previous year. I must say that the 1977 Committee was a great help to me and, of course to our Society which is what we all have at heart. Thank you, 1977 Committee Members. I hope our new Committee will run as smooth.

Also I would like to take this opportunity of wishing all our readers a Very Happy and Prosperous New Year and of course, good fish-keeping to everyone.

Now down to the nitty-gritty - can we see a few more fish at our Table Shows as this is what it's all about. During the last year it seemed that I was giving prize cards out each time to the same people, and it looks as if the same thing is going to happen this year if we don't watch out, so have a go and see. what happens.

.

:

As most of you know, -our new Editor is Fred Gardner and if you know him like I do he is crazier than Peter Capon so you can expect anything to happen in our new Journal, so don't open your mouth when Fred is around, or you will be quoted in the Journal.

..

Well I'll finish now by saying - don't forget your Subs, -are due, support all our Outings, Socials and Raffles and then the Society will keep going for a long time in the future.

Alan Chapman

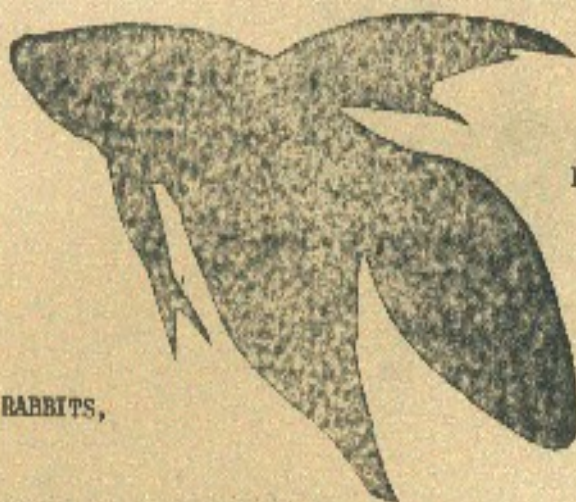
.



Bretts Tropical & Pet Shop

3 - 10 YORK RD MARKET
SOUTHEND-ON-SEA, ESSEX
PHONE 610474

TROPICAL AND COLDWATER FISH
ALL EQUIPMENT, PLANTS ETC.



FOODS AND MEDICAL AIDS

PUPPIES,

KITTENS, RABBITS,

HAMSTERS, GERBILS, BUDGIES, CANARIES GUINEA PIGS CAGES

AND ALL LIVE STOCK

ALL AT

BRETTS TROPICAL AND PET SHOP.

THE AQUARIST'S GLOSSARY

By M.C. Mash

AERATION:	(Called "Areeation" by the aristocracy.) Blowing bubbleso
AQUARIUM:	A rectangular fish-bowl.
AUCTION:	Where one can invariably pick up plants
BLANKETWEED:	Called by lots of other funny names
DAPHNIA:	Caught at the same time as double pneumonia.
FIELD DAY:	Usually followed by a day in bed.
FISH HOUSE:	Called "Wash House" in the olden .days.
GLAZING:	A most interesting job - for those interested in that sort of job.
GRAVID:	About to increase the fish population. (We hope),
LINE BREEDING:	Passing the "Buck"
MICROSCOPE:	Handy for sorting flotsam from jetsam.
MOSQUITO LARVAE:	The contortionist of the insect world.
MULM:	Recognised as dirt by non-aquarists.
POND:	A piece of water surrounded by land, and containing various kinds of "fish-cans".
RUNTS:	Often met with but reluctantly consorted with.
SHUBUNKINS:	A fish that cannot make up its mind what colour it wants to be.
SIPHON:	A different kind of "sucker".
SNAIL:	The beginners greatest success - at breeding thereof.
SPAWN:	Usually laid in a "roe".
TABLE-SHOW:	In which everyone wants to enter fish, but are afraid to.
THERMOMETER	Shows how cold your water ought not to be.
THERMOSTAT:	A murderous weapon.
TOPLIGHT:	Useful for breaking glass covers.
TUBIFEX:	A writhing mass of pusillanimous putridness,
TWEEZERS:	The "Highbrow's" grappling irons.

CACTI and SUCCULENTS (Continued)

By D HOLLIDAY

PLANTS TO KEEP

I will give you the names of a few plants that I think you will be able to keep yourself without too much trouble - not in alphabetical order; also one or two books to obtain.

LITHOPS (Any)	Living Stones of the Desert
LAPIDRIA Margaratae	
DINTERANTHUS Microspeomus	
GLOTTIPHYLLUM Praepingue	
Faucaria Falcata	
Faucaria Tigrina	
STAPELIA LEENDERTZIAC	Flower size approximately 7½"
STAPELIA SCHINZII	Flower size approximately 5-7"
STAPELIA VARIEGATA	
STAPELIA HIRSUTA	
EPIPHILLUM SPECIES ANY	
ZYGOCACTUS TRUNCATUS	CHRISTMAS CACTUS
SCHLUMBERFERA GAERTNERI	EASTER CACTUS
OPUNTIA MICRODASYS	WON'T FLOWER
OPUNTIA HERRPELDTII	WONT FLOWER
OPUNTIA COMPRESSA	MAY FLOWER
OPUNTIA CYLINDRICA	WONT FLOWER
CLEISTOCACTUS STRAUSSII	THIN RED FLOWERS
SEPHALOCEREUS SENILIS	OLD MAN CACTUS
OREOCEREUS TROLLII	OLD MAN OF THE ANDES
LILCOXIA POSELGERI	
APOROCACTUS PLAGELLIPORMIS	RAT TAIL CACTUS
SELENICEREUS GRANDIFLORUS	QUEEN OF THE MIGHTY 8" flower
ECHIMOCBREUS BLANKII	
ECHIMOCBREUS PECTINATUS-	
ECHINOPSIS EPRESII	LARGE PINK WHITE FLOWERS
CHAMAECENEUS SYLVESTEII	PEA NUT CACTUS
LOBIVIAS ANY	FLOWER ABOUT 2"
REBUTIAS ANY	
GYMMOCALYCIUMS MULTIFLORIUM	
BROPHYLLUMS	
ECHEVERIAS	
KALANCHOES	
CRASSULAS	
MAMMILLARIAS BACAS AND BICOLOR	WILD II , PROLIFERA
ELEGANS, ELONGATA, KARWINSKIANA, KEWENSIS	

A selection of these should start you off on the right foot, although they might not all flower

One or two books to help you out -

CACTI FROM SEED (THE EASY WAY) EDGAR LAMB--:
AMATEUR GARDENING CACTI & SUCCULENTS
PICTURE BOOK NO. 11 A. J. HUXLEY :
DESERT PLANTS CACTI & SUCCULENTS OLIVER & MARGARET LEESE
CACTI AND OTHER SUCCULENTS LIEUT GENERAL SIR OLIVER LEESE
STAPELIADS IN CULTIVATION EDGAR LAMB
THE ILLUSTRATED REFERENCE ON CACTI]
AND OTHER SUCCULENTS]
COL. 1-4] EDGAR LAMB
THE A.B.C. OF CACTI & SUCCULENTS W.E. SHEWELL-COOPER

I hope the article I have written has been of some help to you. Cacti keeping can be very interesting and time absorbing, and can become an illness like fish keeping.

Here`s to plenty of prickles !

WHAT FISH?

D. Holliday.

- 1) It is used to get from one part of a building to another.
- 2) It's a deodorant,
- 3) It's a dog food.
- 4). It's what a cannibal would do to you and me.

WHAT IS IT?

First correct .answer gets next issue free (second correct answer gets two).

Meeting 6th December 1977

Due to 'flu', several members were missing including the president Meeting was presided over by D. Durrant. The guest speaker, J. Carney was unable to come as the cold room in his butchers shop had broken down,

Dave Cheswright stepped in at short notice and gave a talk on labyrinths, a quiz was included.

The Table show winner was a spotted Danio belonging to R. Davis. I'm sure he got little satisfaction from winning as his was the only entry. Why?

Raffle winners

Mr. Spicer	Book
Mrs Faulks	Food
Mr. Cadbury	Filter
Mr. Holliday	Food
Mr. Holliday	Show Tank
Mr. Blackmore	Plant
Mr. Prior	Food

Meeting 20th December 1977 Wine and Cheese Party

Every society meeting should be run along the lines of this one. Mrs Cheswright's Table show of food was judged and eaten and Howard Preston's home brewed beer and Dave Holliday's wine disappeared at a great rate.

The Trophies were presented by councilor Moss (after he had travelled down from the north of England the same day). Mrs Moss was presented with a bouquet. The **Novelty Table Show** was judged by Mrs. Faulks.

1 st	D Holliday	75 pts.
2 nd	T. Waller	65 pts.
3 rd	S. Spicer	60 pts.
4 th	R. Niell	55 pts.

Raffle winners

B. Hall	Biscuits
J. Payton	Chocolate Brazils
R. Stanford	Christmas Crackers
B. Meach (ELAPA)	Christmas Pudding
Mrs. A. Smith	Crystalized Fruit

Thanks to ELAPA members for attending. We hope you enjoyed yourselves

ALL THE PRESIDENT'S MEN

Alan Chapman was returned for another term as President,, One of the reasons that he accepted the post was the pleasure he gets from writing the President's page in the journal, a task he finds very easy. After that build-up he daren't refuse to write a page.

The well-fed Don Finch was replaced as Vice President by the equally well-fed Mr. Durrant, Don was veep for quite some time and carried out his duties very well. I'm sure Derrek will keep up the same high standard,, Isn't it funny how the Club always picks a big bloke to back up the President,

The Treasurer's job goes again to Ron Faulks, a man with the ability to use all ten fingers when adding up. Dave Cheswright is still .Secretary and very nice too he looks sitting on Alan's knee at Committee Meetings.

The post of Table-Show Secretary has been upgraded bur it was still a job to find someone willing to take it on. Mr. Dyer was finally persuaded to take it on, please make him feel wanted, and bring your fish along. Sometimes a class has one fish entered, so if someone else brings another one along they must be sure of a card.

At the A.G.M. a novel thing happened, the Society had its first illiterate Editor inflicted upon it. The situation was improved by the election of an Assistant Editor who at least looks as though he knows several long words.

The Librarian is Tony "Books" Moltino and the other end of the box will be carried by the lovely Dave Holliday. Andy Smith will go around telling everyone what a great Club it is and shaking new Members by the throat.

Dot Chapman leaves us as Social Secretary and I for one would like to thank her for the smashing socials that she organized for the Club. The lady who now takes on this arduous task is Audrey Cheswright, wish her luck.

Continued. ,,.....

Don Pinch now becomes General Committee Member. Does that mean he wears lots of gold braid and we all salute him?

If the Club would put a dictionary in a raffle and fix it so that I won I would be most grateful., I will try my best to give you an interesting journal and if I have offended any Committee Members in this piece, I plead insanity,

This journal will be extremely thin without contributions from Members, so get your little "bics" out, dash off a few literary masterpieces and have your name immortalized in print. With luck and your help I hope to keep up the standard of the journal. To make the journal a more valued article in your household a kit is to be marketed, which consists of a piece of string and a nail. The idea is to make a hole in one corner of the magazine, thread the string through and hang it behind the door of the

TABLE SHOW RESULTS

SENIOR	HARD LUCK	6/12/77	A. Moltino	POINTS
R. DAVIES ,	SPOTTED DANIO			73
D. HOLLIDAY	HEAD STANDER			25

No entries

JOKE	20/12/77	L. Faulkes	POINTS
D, HOLLIDAY	D.D, IN A TANK		75
T.WALLER	CHAPEL OP REST		65
R.NEALE	GLASS CAT		
S. SPICER	FESTIVE FUN		

SENIOR	SWORDTAILS	17/1/78	D.Finch	POINTS
R. NEALE	BLACK SWORD			81
D. CHESWRIGHT	RED SWORD			78
G. DYER .	LYRETAIL SWORD			74
T. BL4CKMORE	WILD SWORD			72

JUNIOR	SWORDTAILS	17/1/78	D. FINCH	POINTS
J. WOOD	RED SWORD			

52

SENIOR	BARBS	17/1/78	A. SMITH	POINTS
R. NEALE				75
C. CHESWRIGHT				71
D. CUDBY				70½
R. DAVIS				70

JUNIOR	BARBS	17/1/78	A. SMITH	
	NO ENTRIES			

PISCES



AQUARIUM

1059, LONDON ROAD
LEIGH-ON-SEA
ESSEX
TELE: SOUTHEND 75610

LATE NIGHT FRIDAYS

TROPICAL FISH
COLDWATER FISH
PLANTS
ACCESSORIES

OPEN ON SUNDAYS

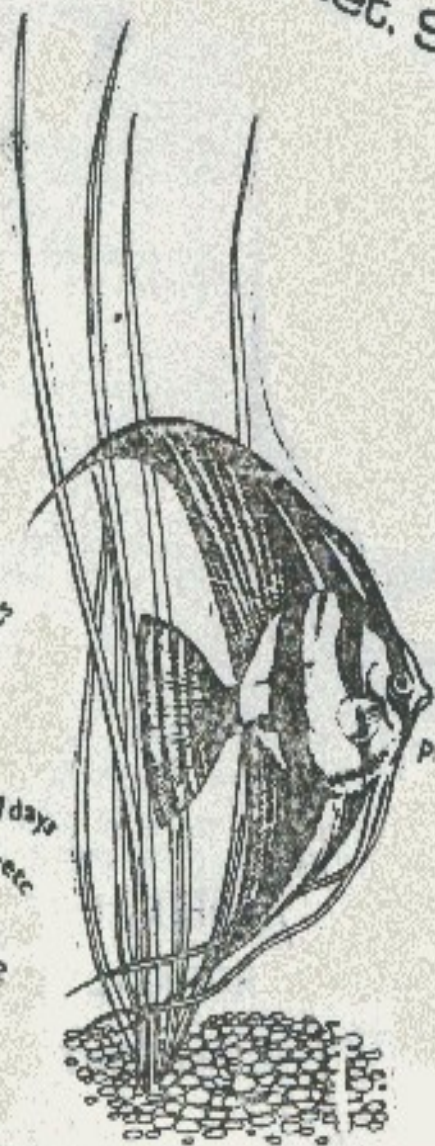
TANKS DELIVERED AND
SET UP TO CUSTOMERS
REQUIREMENTS



DJ TROPICALS & PETS

312, London Road, Benfleet, S/B 52402

all foods - treatments - etc
birds - parrots - etc
cages - equipment - accessories
guinea pigs - rabbits
open 7 days
hamster - etc
gerbils - mice
basket hire
carrying

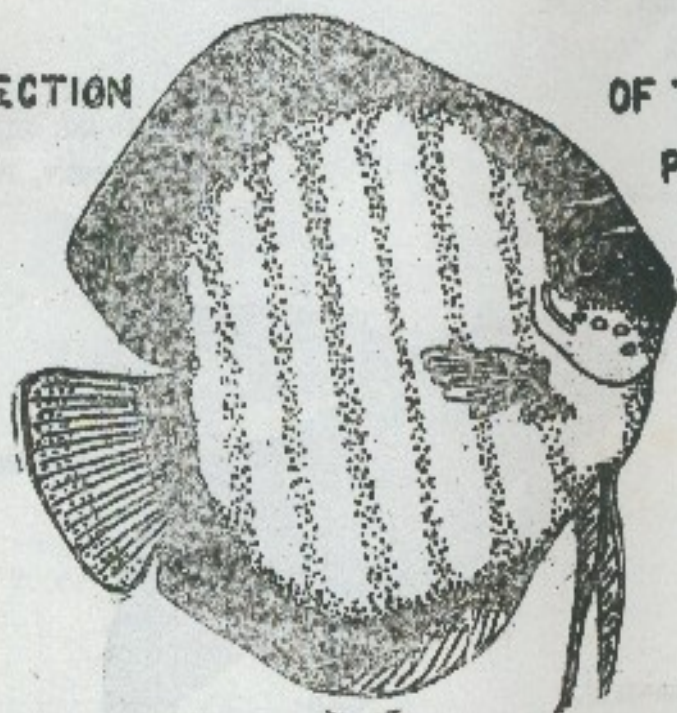


fish
water - cold
marine - tropical
equipment - accessories
maple
sponges - etc
treatments

P. & P. Tropicals

LARGE SELECTION
FISH &

OF TROPICAL
PLANTS



TANKS MADE TO CUSTOMERS SPECIFICATION

58 EASTWOOD ROAD
RAYLEIGH
ESSEX
RAYLEIGH 4755

AQUATIC SHOP

Telephone

BASILDON

21680

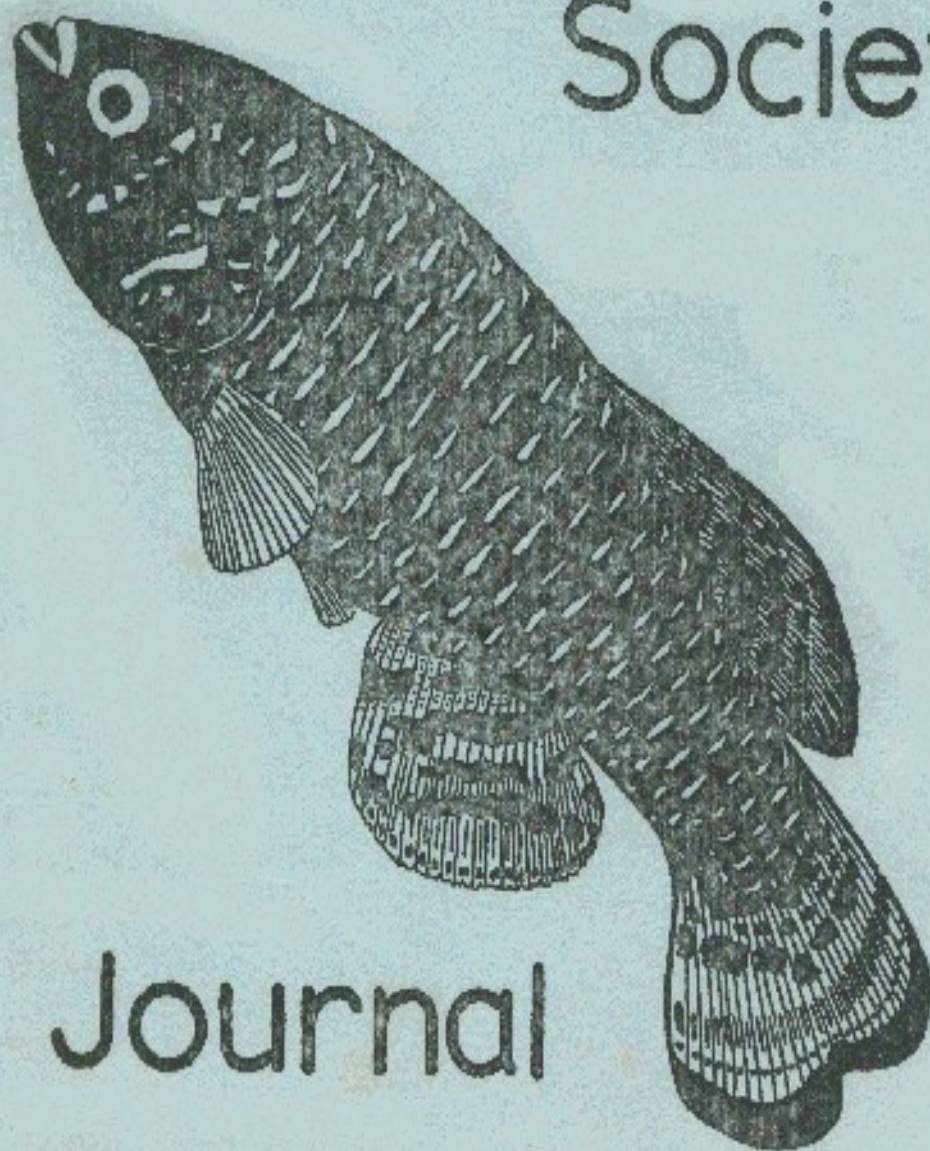
LARGEST SELECTION OF
DRY GOODS IN ESSEX

TROPICAL MARINE FISH

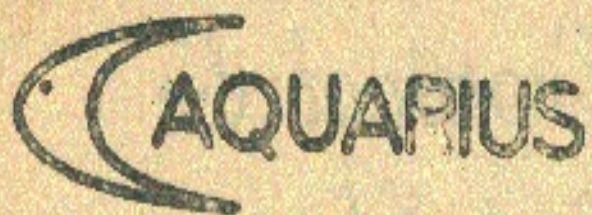


COLDWATER AND TROPICAL FISH
LARGE SELECTION OF TROPICAL PLANT
(COLDWATER IN SEASON)

Southend Leigh
and District
Aquarist
Society

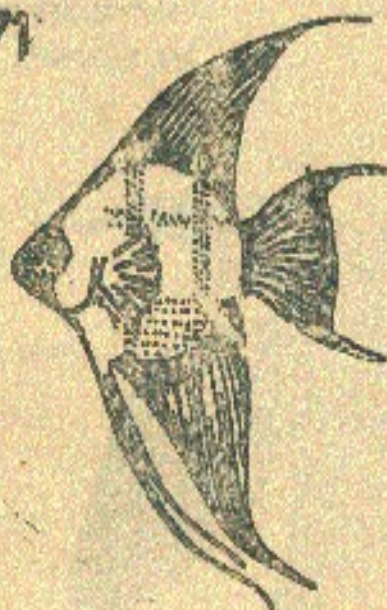


Journal



81 Leigh Road
Leigh-on-Sea
Essex.

Telephone:
(0702) 210071



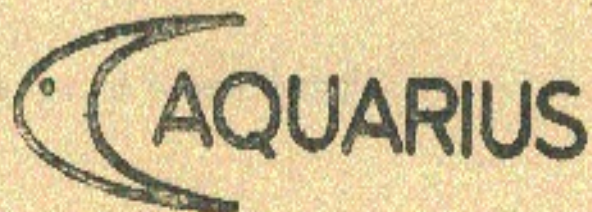
We Cater for All Aquarists

MARINE FISH & INVERTEBRATES

FRESHWATER TROPICALS

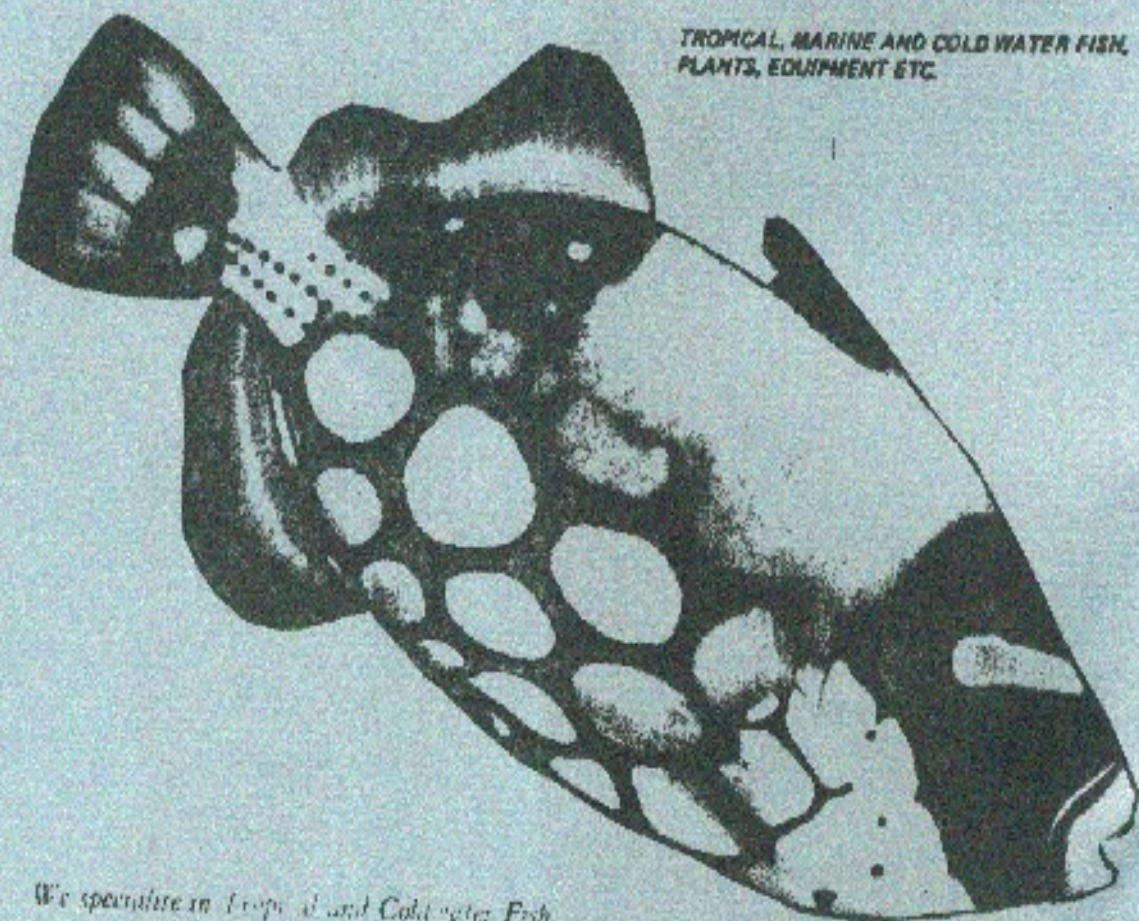
COLDWATER FISH

Tropical Freshwater
Fish, Plants and
Aquatic Products.



Studio One Aquatics

TROPICAL, MARINE AND COLD WATER FISH,
PLANTS, EQUIPMENT ETC.



*We specialise in Tropical and Cold water Fish,
Plants, Food and equipment.*
MARINE
But above all advice and assistance on your aquarium

M.W. & M.J. WOOD
1 Elm Road, Leigh-on-Sea, Essex
Tel: Southend-on-Sea 75328

CONTENTS		
SUBJECTS		PAGE
COMMITTEE 1978		5 & 6
EDITORIAL	F. GARDNER	9
WHITE CLOUD MOUNTAINFISH	C. GRIMES	10
WATCH THIS SPACE		13
OUTINGS REPORT	D. CHESWRIGHT	14
TABLE SHOW RESULTS		16

PERMISSION TO REPRINT ANY ARTICLE FROM THIS JOURNAL IS GRANTED
PROVIDED ACKNOWLEDGMENT IS GIVEN TO THE AUTHOR AND SLADAS, AND TWO
COPIES OF THE PUBLICATION ARE SENT TO THIS SOCIETY

Compilers notes This issue did not have a issue Number nor the Months of issue but is thought to
be Number 71

Peter Capon

OFFICERS, FOR 1978

President

A. Chapman,
5B Fairlop Avenue,
Canvey Island,
Essex.
Telephone: Canvey 6714-4-

Hon Secretary

D. Cheswright,
2 Cedar Avenue,
Wickford,
Essex.
Telephone: Wickford 2531

Table Show Secretary

G. Dyer,
32 Symons Avenue,
Eastwood,
Leigh-on-Sea,
Essex.
Telephone: Southend 526139

Assistant Editor

K. Dyke,
155 North Road,
Westcliff-on-Sea,
Southend,
Essex.
Telephone: Southend 353473

Assistant Librarian

D. Holliday,
22 Albany Avenue,
Westcliff-on-Sea,
Southend,
Essex.
Telephone: Southend 62357

Vice President

D.C.M. Durrant,
172 Trinity Road,
Southend-on-Sea,
Essex
Telephone: Southend 610576

Hon Treasurer

R. Faulks,
276 South Avenue,
Southend-on-Sea,
Essex.

Journal Editor

F. Gardner,
22 Grove Road,
Rayleigh
Essex.
Telephone: Rayleigh 747630

Librarian

A.: Moltino,
56 Westcliffe Park Drive,
Westcliff-on-Sea,
Southend
Essex
Telephone: Southend 353539

Public Relations Officer

A. Smith,
39 Willow Walk,
Hadleigh,
Essex.
Telephone: Southend 555540

Social Secretary

Mrs A. Cheswright,
2 Cedar Avenue,
Wickford,
Essex.
Telephone: Wickford 2531

Open Show Secretary

A. Smith,
39 Willow Walk,
Hadleigh,
Essex.
Telephone: Southend 55554-0

Committee Member

D. Finch,
165 Bull Lane,
Rayleigh,
Essex.
Telephone: Rayleigh 775677

Co-opted Committee Member

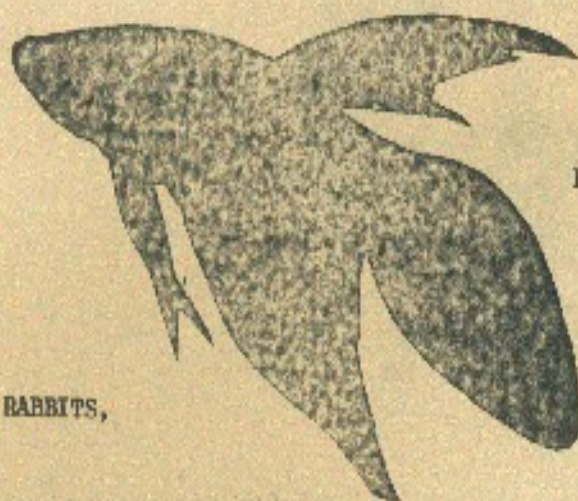
Mrs L. Faulks,
276 South Avenue,
Southend-on-Sea
Essex.



Bretts Tropical & Pet Shop

3 - 10 YORK RD MARKET
SOUTHEND-ON-SEA, ESSEX
PHONE 610474

TROPICAL AND COLDWATER FISH
ALL EQUIPMENT, PLANTS ETC.



PUPPIES,

KITTENS, RABBITS,

FOODS AND MEDICAL AIDS

HAMSTERS, GERBILS, BUDGIES, CANARIES GUINEA PIGS CAGES

AND ALL LIVE STOCK

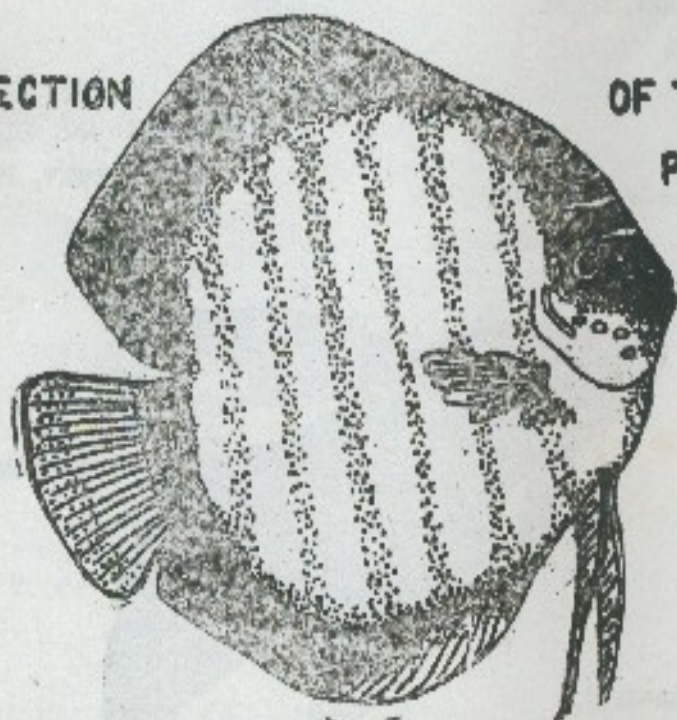
ALL AT

BRETTS TROPICAL AND PET SHOP.

P. & P. Tropicals

LARGE SELECTION
FISH &

OF TROPICAL
PLANTS



TANKS MADE TO CUSTOMERS SPECIFICATION

58 EASTWOOD ROAD
RAYLEIGH
ESSEX

RAYLEIGH 4755

EDITORIAL

There has been a long gap between this issue and the last; this is entirely my fault. This issue is thin, consisting mainly of reprints from other journals, - this is not entirely, my fault.

Somewhere there must be club members with something to say, if so, say it in the Journal. It does not necessarily need to be strictly related to fish keeping.

This is your Journal, and it needs you to keep it going. Use it to air your views about the hobby or about the Society. Please write any articles on the margins of used Five pound notes, and hand them to me quietly after meetings.

WHITE CLOUD MOUNTAIN FISH

by C. Grimes

The first egg-layer I was ever successful with, was the White Cloud Mountain Fish. Prior to writing this article, I was sitting in my chair and thinking back on all my experiences and how many years ago this spawning took place. After feeling very old and experienced, I realised that only 7 years have transpired. They have been a very rich and rewarding 7 years and I have gone from knowing absolutely nothing about fish to a position of knowing enough that I can rub elbows with the greats and near greats and talk in their language and league. Here I am now, back to my first egg-layer: is the 'circular theory' being displayed? Why did I return to the White Clouds? Because they are one of the neatest, if not THE neatest, and most nearly perfect fish in the aquarium hobby.

The proper name is *Tanichthys albonubes* (Lin-shu-yen), 1932. What this boils down to is a short history about this fish. My research advises that it was 'discovered' by a Boy Scout and carried to a scientist by the name of Lin who officially described the fish and named it in honour of the Scout, Tan; hence the genus name, *Tanichthys* (Tan's fish). The name (Lin) in parentheses advises the name of the official describer and 1932 is the year of publication of the description. The fish comes from the White Cloud Mountain area, near Canton, China. They are supposed to coexist in the gorges throughout the area, in all streams, including the fast flowing ones. Temperatures ranging from 40° to 85° suit them very well and water composition, within reasonable bounds, isn't important in maintenance or breeding. These fish are of a size to accommodate a modest budget, in that they do well in any tank from a 5 gallon one up. They grow to about 4 cm. or in other words, about the size of a neon tetra. They are an olive brown or bronze on the upper body, with a stripe that runs from the snout to the tail and glows with a greenish gold hue. The area just below the stripe is the same as the upper body, fading into a white underside. The caudal fin has a centre of brilliant red, with clear edges, and the dorsal is bright red with a yellow border. The anal and pelvic fins are trimmed in yellow. The colours are as I describe them and not pale or washed out. Lots of colours like that of the 'Red Zebra' and Blue-Tail Goodied are there if you look hard enough and really want to see those colours, but the colours of the White Cloud are honest and easily seen. In fact, that is a good description of the White Cloud; a handsome, hardy, active, peaceful little fish that is so undemanding that it can honestly be called an ideal aquarium fish.

My book research leads to the conclusion that this fish is monotypic. That means it is the only one in its genus. It does have a close relative in a fish named *Aphyocypris pooni*.

This fish was also described by Lin in 1939 and is sometimes called the Redfinned Wonder Fish or the Venus Fish. *A. pooni* comes from,, an area east of Canton and around Hong Kong. The size of the fishes is similar and the only difference is reported to be in the fin. colour, with *A. pooni* getting the short.-end. of the deal. Apparently, these fish hybr.adize quite readily, and the hybrid .is quite common in Central Europe. It is felt that *A. pooni*. in the pure form is, in all probability, lost to the hobby. Fortunately, for a change, the best .one.is left us as the White Cloud Mountain Fish. As a little aside, I checked with four authors and got the opinion of colour variety to separate species and since Sterba is of the opinion that *pooni* and *albonubes* are separate species, that is good e-nough for me.

White Clouds arc a snap to spawn and I have spawned them in a container as small as a .1 gallon jar up :to a 40 gallon tank. Mature fish are easily sexed by both body shape and . colour. You can go to the trouble of separating sexes and conditioning and breeding in pairs etc. and have reasonable success, but if you take my advice you will have more.

As these fish are easily bred and quite hardy, dealers often have young adults priced at 3 or 4 for \$1 and a two or three dollar investment will put you in the driver's seat. If you want real production, put these fish in at least a ten gallon tank and feed them until some look kind of fat or full of eggs. If you have eight fish, surely at least a couple will be slim (males) or fat (females).

Then put the whole herd in a clean, no snails, ten gallon tank with whatever tap water you have. Add an airstone and a couple of spawning mops or some spawning grass and wait for success. For maximum production, move the fish every week or ten days to another tank and expect to have lots of fry in the tank you pulled the adults out of. If you don't have the guts, wait until you see some really small fry swimming at. the top and then pull the parents. Of course, the babies that appear at: the top with the adults aren.'t an accident and you can raise them with the adults. White Clouds don't eat their babies. So why move them? .Because babies- eat smaller babies and while these fish will increase their numbers in a permanent set-up, it is a very slow process. By sorting them every week or so via moving the breeders-, this sibling cannibalism is eliminated. The spawning and hatching of babies is just as easy as I have mentioned above. No tricks or special handling. Nothing artificial. I have, both in my first efforts with White Clouds and now as an experiment, bred adults and raised fry on dry food only. It's not quite as productive, but still works like a charm. I prefer to give the fry infusoria as a.....

first food, which, I supplement with powder fine dry food. I get a lot more babies to survive if I use the infusoria at the start. In a month they are eating crumbled dry food and in less than six months they are breeders. Frequent water changes seem to really speed up the growth.

These fish are pert and active in the tank and in a large tank will show some schooling tendencies. My experience is that they are quick and alert enough to be picked on and yet don't pick on other fish. The colours and activity of these fish in a well planted tank would warm the heart of anyone but a blind man.

I have seen pictures of a sport of the White Cloud called the Meteor Minnow, which was a long-finned White Cloud, similar to the long-finned Rosy Barb. The beauty of the fish was enhanced rather than making it look deformed, as some man-made 'improvements' do. I have seen only pictures and never the real live fish. From what I understand, one strain came from Canada in the 1950's and was lost and in the last few years, some were in Europe, but again, I never saw any. I would sure love to get my fat little fingers on some of those long-finned beauties. Maybe if I raise enough White Clouds, I can develop my own strain. I really don't think I have the strength of character', but we'll see.

In summary, I can't recommend this fish too highly. It's beautiful, regularly available in pet shops, has a low price, is easy to maintain, and;..easy to breed-. They are quite handsome as both youngsters and,adultsi In fact, .many people have had both Neons and White Clouds in a .community tank, and after taking the fish out. to put into another tank or moving plants to another tank, discover 'baby Neons':. Baby White Clouds seem to glow in the dark and really look like baby Neons. Fooled me the first time, and I knew.better as I didn't even have Neons at the time. You can amaze friends with baby White Clouds. At night, their eyes reflect so much light that a flashlight shined on one swimming towards you looks like two headlights on a car and the sides appear to glow in the dark,

Originally from '**TROPICAL TOPICS**'.

Reprinted from **HAMILTON & DISTRICT AQUARIUM SOCIETY (CANADA) MONTHLY JOURNAL..**

REPRINTED FROM SLADAS JOURNAL JUNE 1953
 ?????????????????????? by ??????????????????????

**THIS
SPACE
RESERVED
FOR
YOUR
CONTRIBUTION
ARTICLE
POEM
OR
ANYTHING
YOU
CAN WRITE**

OUTINGS REPORT

D.M. Cheswright

On 11th June, 1978, we had a coach trip to the Waveney Eish Farm at Kiss in Norfolk. We rather over-estimated how long it would take to get there and we arrived with time to spare before Mr. Laughlin, the proprietor, took us on a brief tour of the ponds, etc. at 1.30 p.m. This time was used up to eat (and drink) and, had it not been for this spare time, Louise Faulks would not have had a chance to try out the slide in the local park. The first trip down was without problems but, on the second go she shot off the end of the slide and landed on the grass like an acrobat., I understand she has since suffered from this and should leave slides behind in future.

Mr. Laughlin explained his filter system to us. He mostly supplies Koi and also has the usual other coldwater fishes. Many of the Koi were not for sale as were large breeding stock but he had Koi for sale for prices up to £75. Some members purchased Koi but, unfortunately, some of these were lost within a week or so. I bought some small golden Orfe but lost these also. The fishes were all kept in running water and perhaps the change over to a quarantine tank was too much for them, although I did have the hose running into the tank very slowly. Many of the imported coldwater fishes are not used to our colder climate and need well feeding up to get them strong enough for our garden ponds. We enjoyed the ponds and there was a very good selection of marginal Pond plants and plants for the areas around a pond where conditions would be damp; there were many garden plants which I have not seen for sale before and they were all of excellent quality. Mr. Laughlin very kindly provided us with cold drinks which were very acceptable on a very hot day. There was a small tropical section but the selection of fishes was not very good; Mr. Laughlin had in fact told us beforehand not to expect too much in the way of Tropicals.

I think everyone enjoyed the trip but it was a pity that the fishes were not conditioned enough.

The annual coach to **Brighton** for their **Open Show** and the seaside was duly booked for Sunday, 2nd July. Unfortunately support for the Outing was very poor and only about 28 seats were taken up. This resulted in a financial loss on the trip and was the first Brighton outing not to be fully booked. Those who did go had a thoroughly enjoyable day in spite of the very overcast weather — the beach was deserted apart from a few well-wrapped hardy walkers and we did see one swimmer. The town was deserted when compared to the normal ?? summer Sunday. We left Southend at 7.30 a.m. and arrived at about 10.30. Gordon Pryor, Mr. Neale and myself benched our entries and the....

coach dropped the others at the Pier. We followed on later by bus. It did not actually rain but all we could do was to eat and then walk about, drinking tea and just having a look round.

We went back-to the Show at 4.30 and the coach followed at 5.30 in time for the Prize-giving. Raffles and Draw all seemed to be won by Brighton and Southern A.S. Members and friends. We did very well at the Show, taking five 1st s, three 2nd s, two 3rd s and three 4th s, which included all of Class T, 3 out of 4 on Class F, and 2 out of 4 in classes Nb-m, NO-t and XO-t. I was lucky enough to win the top exhibitor's points trophy and, together, we came 2nd to Riverside A.S. in the Society points by 1 point. There were 500 entries but some classes only had 8 or so. The Best in Show was a Pencil Pish entered by M.Fox, who had taken Best in Show at Dunmow A.S. in June with the same Fish. All 1st prize winners received Poods or other useful items as well as the usual plaques. 2nd and 3rd winners received plastic plaques and 4th s, water conditioner. We left Brighton at 6.30 p.m. and arrived back about 10.15 having stopped on the way.

SENIOR	CHARACINS	21. 2. 78	D.CHESWRIGHT	PTS.
1	GARY :DYER	DORAMITES	MICREOPHALUS	80
2	R. NEALE .. ;:	BLACK	NEON	74
3	G.. DYER	SILVER	HATCHET	72
4	T. :BLACKMORE	PENGUIN		71½

JUNIOR	CHARACINS ;	21.2.78	D. CHESWRIGHT	PTS
1	JULIAN WOOD	SERADE	TETRA	72

SENIOR	TROPICAL EGGLAYERS	21.2.78	D. CHESWRIGHT	PTS.
1	R. NEALE	GLASS	FISH	74
2	R. DAVIES	RUBY	SHARK	71

JUNIOR	TROPICAL EGGLAYERS	21.2.78	D. CHESWRIGHT	PTS.
	NO ENTRIES			

SENIOR	SIAMESE FIGHTERS	14.3.78	DAVE HOLLIDAY	PTS.
1	J. WIMBUSH	BLUE	BETTA	78
2	R, DAYIES	BLUE	BETTA	69

SENIOR	PLANTS	14.3.78	DON FINCH	PTS.
1	G. DYER	FORTIMACIS		78
2	G, DYER	VALLISNERIA		70

JUNIOR	SIAMESE FIGHTERS	14.3.78	DAVE HOLLIDAY	PTS.
1	I. GOOD ALL			63
2	G. DICKINSON			46

JUNIOR	PLANTS	14.3.78	DON FINCH	PTS
	N 0 ENTRIES			

SENIOR. MINI TANKS		4.4.78	D. FINCH	PTS.
1	C. CHESWRIGHT			87
2	R. DAVIS			79

JUNIOR MINI TANKS		4.4.78	;D FINCH.	PTS
	D.PHILLIPS			70

'SENIOR AOS CATFISH		18.4.78	PTS.
1	R, WYLIE STRIPED DORA		78
2	D. DURRANT SYNODONTIS ROBBIONUS		77
3.	D. DODD GLASS, CAT		62

JUNIOR AOS CATFISH		18.4.78	PTS.
---------------------------	--	----------------	-------------

NO ENTRIES

SENIOR Nb-m PAIRS EGG LAYERS		18.4.78	PTS
	R. WYLIE NIGGER BARBS		78½
	D HOLLIDAY. GLOWLIGHTS		78
	R. DAVIES ZEBRA DANIO		76½
	R. DAVIES PEARL DANIO		76

JUNIOR Nb-m PAIRS EGGLAYERS		18.4.78	PTS
1	M. PHILLIPS PLATINUM TETRAS		78
2	M. SPIVEY DWARF GOURAMI		77
3	G. BUCKLEY SIAMESE FIGHTERS.		76
4=	M. SPIVEY THREE SPOT GOURAMI		74
4=.	M.J.PATERSON THREE SPOT GOURAMI		74

SENIOR HOUSE PLANTS	16.5.78	D. HOLLIDAY	PTS
J. WIMBUSH	AVOCARDO PEAR		26
J. WIMBUSH	MOTHER IN LAWS TONGUE		25
B. WYLIE	TREE OF HAPPINESS		24
B. WYLIE	SUCCULENT		22

JUNIOR HOUSE PLANTS	16.5.78	D. HOLLIDAY	PTS.
D. PHILLIPS	TRADISCANTHUS		17
D. PHILLIPS	SPIDER PLANT		15
M. PHILLIPS	CACTUS		14
M. PHILLIPS	GERANIUM		13

SENIOR DWARF CICHLIDS-	16.5.78	D.DURRANT	PTS
G. DYER	KRIBENSIS		72
A. CHAPMAN	KRIBENSIS		68
A. CHAPMAN	KRIBENSIS		67
R. DAVIS	KRIBENSIS		63

JUNIOR DWARF CICHLIDS	16,5.78	D.DURRANT	PTS
G. SAVILL	RAM		67
J. WOOD	KRIBENSIS		66
I. ARCHER	RAM		65
M. PATERSON	KRIBENSIS		64

C – CHARACINS	20.6.78	J. BARNEY	PTS
G. DYER	HEADSTANDER		75
EL MRS. MOSS	DIAMOND TETRA		74½
EL A. WALLER	SPILURIUS		74
D. NORTH	GLOWLIGHT		73

B. BARBS	20.6.78	R. BOWES,	PTS
J. WYLIE :	NIGGER BARB.		77
R. NEALE	STRIPED BARB		76
EL MR. CHAPMAN	CUMMING BARB		73
D. NORTH	CHERRY BARB		72

E. LABRYINTHS	20.6.78	R. BOWES,	PTS.
J. WOOD	OPALINE		73
D., CUDBY	GOLD GOURAMI		72½
EL A,' WALLER	DWARF GOURAMI		72
G. SAVILL	OPALINE		71½

Df	DWARF CICHLIDS	20.6.78	J. CARNEY	PTS
	R.C. SMITH	P. PULCHER		77
	R.C. SMITH	P. PULCHER		76
	R.C. SMITH	P. PULCHER		75
	G. DYER	KRIB		70

N.O.T. PRS.LIVEBEARERS		4.7.78	
PTS			
SENIOR	D. DURRENT	X. EISENI	67
	D. HOLLIDAY	G. ATROPINNIS	65½
	D. HOLLIDAY	L. VERSICOLOR	65
	R. DAVIS	SUNSET PLATY	64

N.O.T.PRS. LIVEBEARERS		4.7.78	
PTS			
JUNIOR	M. PHILIPS	RED SWORD	64
	J. WOOD	L. VERSICOLOR	62
	I. GOODALL	L. VERSICOLOR	57
	C. DICKINSON	X. EISENI	54

CHALLENGE 3

SENIOR D.z, - A.O.S CICHLIDS	18.7.78	PTS
E. DAVIS	JEWEL CICHLID	58½
A. MOLTINO	JEWEL CICHLID	58

DZy. A.O.S. CICHLIDS		18.7.78	PTS
JUNIOR	I. GOODALL	CONVICT CICHLID	62
	I. GOODALL	CONVICT CICHLID	60
	I. ARCHER	FIREMOUTH CICHLID	58
	C. DICKENSON	S. L. ANGEL	49½

SENIOR	MINI TANKS	18.7.78	PTS
	R. DAVIS		68

JUNIOR	MINI TANKS	18.7.78	PTS
	J. WOOD		61
	M. PHILLIPS		59
	J. WOOD		58
	D. PHILLIPS		57

T. A.O.S. LIVEBEARERS	1.8.78	T. WALLER	PTS
SENIOR	D. CHESWRIGHT	X. EISENI	73
	D. CHESWRIGHT	X. MONTEZUMAE	72
	D. CHESWRIGHT	BLUE LIMIA	71
	D. HOLLIDAY	G. ATROPINNIS	63

Ty A.O.S. LIVEBEARERS	1.8.78	T. WALLER	PTS
JUNIOR	J. WOOD	L. VERSICOLOR	63
	J. WOOD	L. VERSICOLOR	60
	C. DICKENSON	X EISENI	54

Jy RASBORAS JUNIOR	1.8.78	T. WALLER	PTS
I. ARCHER		HARLEQUIN	61

W. A.O.S. COLDWATER	15.8.78	T. WALLER	PTS
R. DAVIS	BITTERLING*		63
D. DURRANT	BITTERLING		61
R. DAVIS	GOLDEN ORFE		60
D. DURRANT	BITTERLING		59

* RUNNER UP TROPHY BEST COLDWATER

Wy A.O.S. COLDWATER	16.8.78	T. WALLER	PTS
S. BOORE	BITTERLING *		70
S. BOORE	BITTERLING		67
S. BOORE	RUDD		61½
S. BOORE	BITTERLING		61

6 ENTRIES

* BEST COLDWATER TROPHY

V. TWINTAIL GOLDFISH	15.8.78	T. WALLER	PTS
D. HOLLIDAY	VEILTAIL		69
D. DURRANT	VEILTAIL		67½
D. HOLLIDAY	VEILTAIL		67
D. HOLLIDAY	VEILTAIL .		65

4 ENTRIES

Vy TWINTAIL GOLDFISH	15.8.78 -	T. WALLER	PTS
S. BOORE	TWINTAIL		66
S. BOORE	TWINTAIL		63
C. DICKENSON	TWINTAIL		57
C. DICKENSON	TWINTAIL		56

4 ENTRIES

U SINGLETAIL GOLDFISH	15.8.78	T. WALLER	PTS
D. CHESWRIGHT	SHUBUNKIN		69
1 ENTRY'			

Uy SINGLE TAIL GOLDFISH	15.8.78	T. WALLER	PTS
S. BOORE	SINGLE TAIL		58
S. BOORE	SINGLE TAIL		55

2 ENTRIES

POND LIFE	15.8.78	T. WALLER	
K. DYKE	POND LIFE		
		1 ENTRY	

INTER-CLUB AT EAST LONDON
18. 8. 78.

JK - DANIOS RASBORAS and W.C.M.M.

M. WALLER	E.L.
R. THORODAY	E.L.
B. MEACH	E.L.
C. CHESWRIGHT	S.L.A.D.A.S

H - CORY/BROCHIS CATFISH

K. WRIGHTSON	E.L.
R. THORODAY	E.L.
R. THORODAY	E.L.
J. WOOD	E.L.

T - A.O.S. LIVE BEARERS

D. CHESWRIGHT	SLADAS
D. CHESWRIGHT	SLADAS
D. CHESWRIGHT	SLADAS
D. HICKMAN	E.L

F - EGGLAYING TOOTHCARPS

C. CHESWRIGHT	SLADAS
C. CHESWRIGHT	SLADAS
R. THORODAY	E.L
C. CHESWRIGHT	SLADAS

G. SAVILLE S.L.A.D.A.S. JUNIOR
HIGHLY COMMENDED IN CLASSES J.K. & T.

TOTAL POINTS FROM TWO INTER-CLUBS

S.L.A.D.A.S.	50
E.L.	31

AQUATIC SHOP

Telephone

BASILDON

21680

LARGEST SELECTION OF
DRY GOODS IN ESSEX

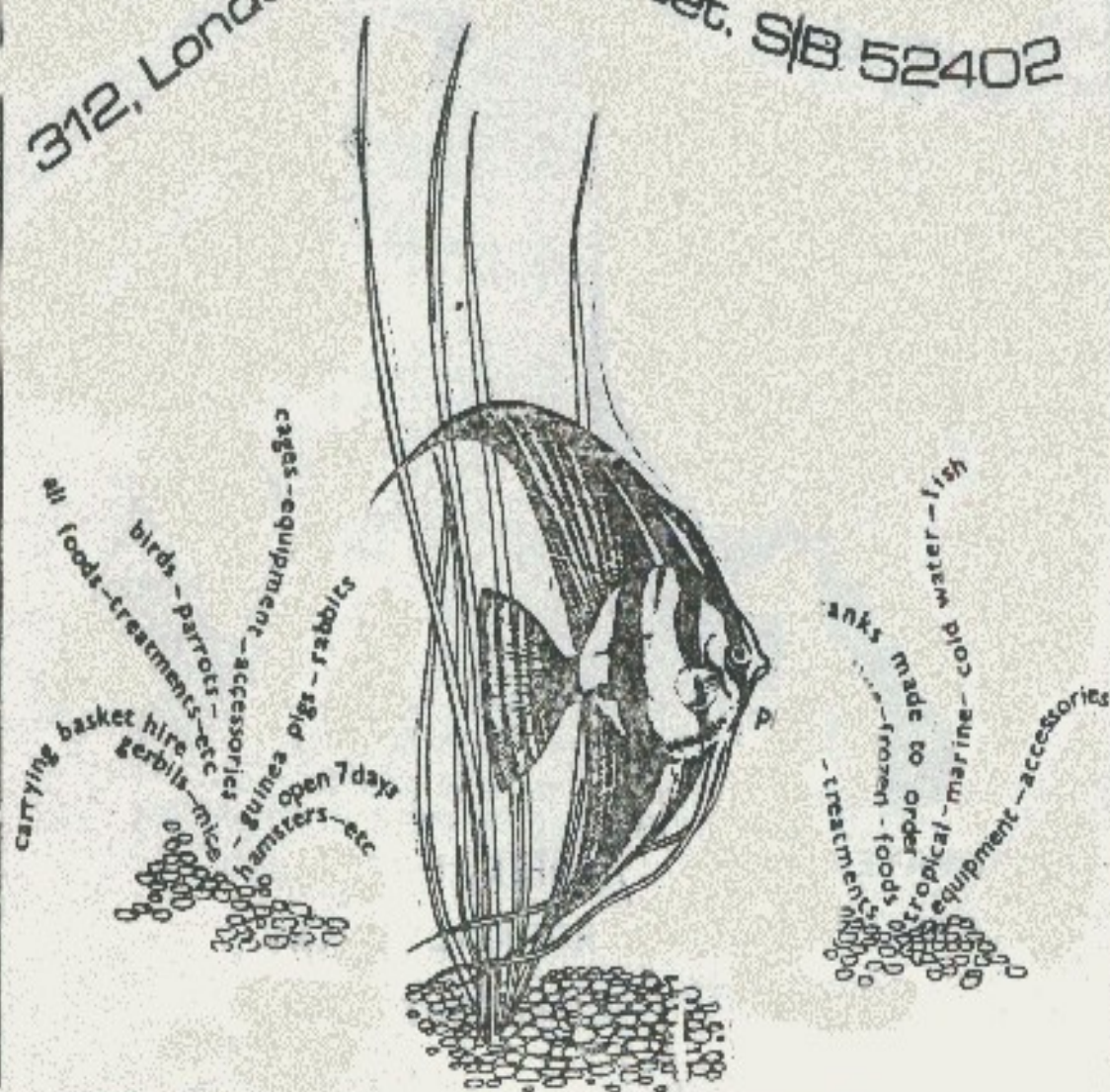
TROPICAL MARINE FISH



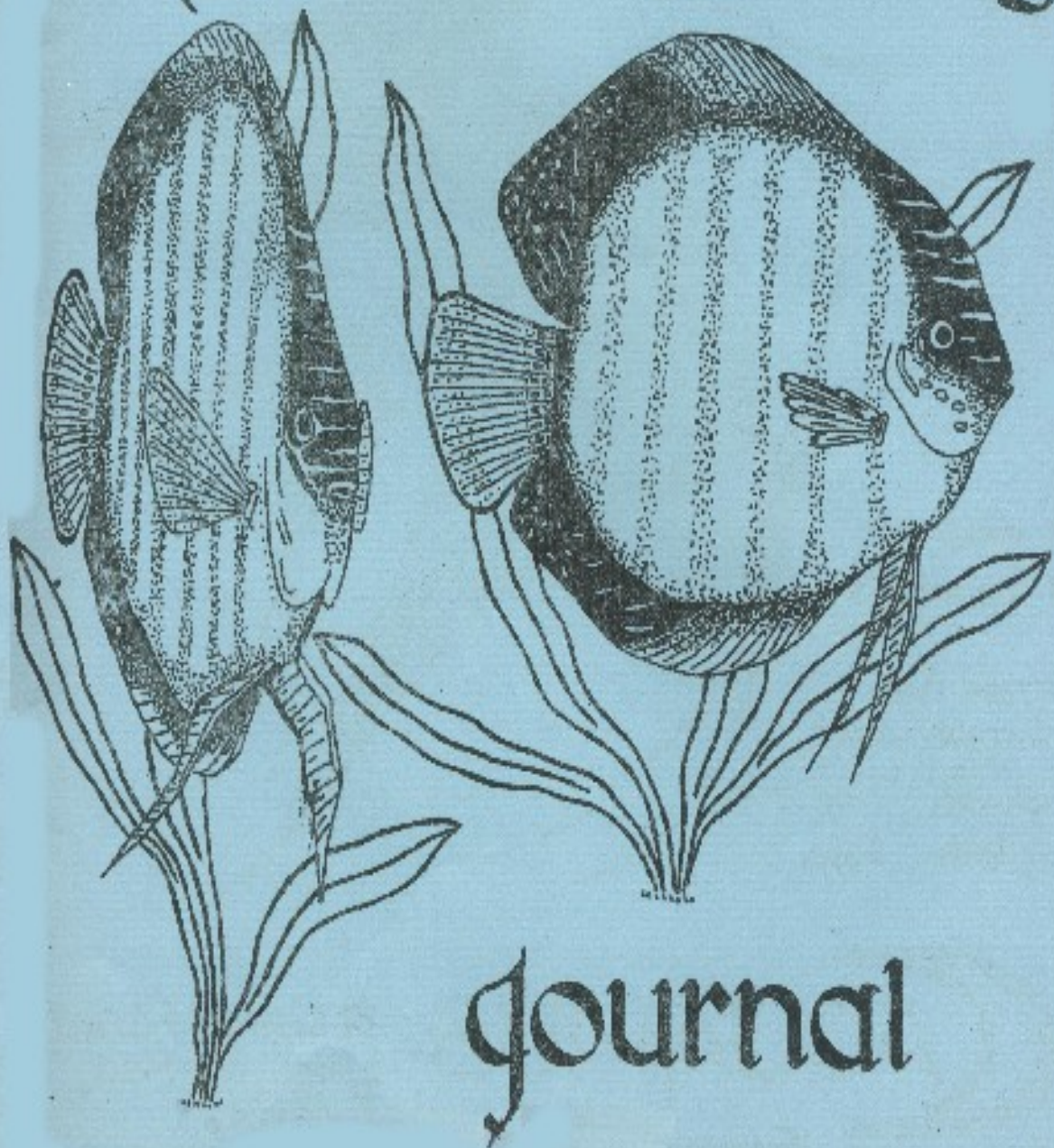
COLDWATER AND TROPICAL FISH
LARGE SELECTION OF TROPICAL PLANT
(COLDWATER IN SEASON)

DJ TROPICALS & PETS

312, London Road, Benfleet, S/B 52402



Southend, Leigh, and District Aquarist Society



Journal

SOUTHEND. LEIGH & DISTRICT AQUARIST SOCIETY

MEETINGS - First & Third Tuesday in each month.

At

**St. Andrews Hall,
Electric Avenue,
Westcliff on Sea,
Essex.**

(Entrance in South View Drive)

Commencing at 8.30. p.m.

CONTENTS	PAGE
Officers for 1978	4& 5
Editorial	6
Don't Marry an Aquarist	by M.C. Mash 6
President's Page	by A. Chapman 8
Ponds	by D.M. Cheswright 13
Committee Reports	15
Open Show Dates	20

PERMISSION is granted to reprint items from this journal on condition that authorship and S.L.i.B.A.S. are acknowledged and two copies of the publication bearing the item are sent to S.L.A.D.A.S.

Compilers notes This issue did not have a issue Number nor the Months of issue but is thought to be Number 72

Peter Capon March 2011

OFFICERS, FOR 1978

President

A. Chapman,
5B Fairlop Avenue,
Canvey Island,
Essex.
Telephone: Canvey 6714-4-

Hon Secretary

D. Cheswright,
2 Cedar Avenue,
Wickford,
Essex.
Telephone: Wickford 2531

Table Show Secretary

G. Dyer,
32 Symons Avenue,
Eastwood,
Leigh-on-Sea,
Essex.
Telephone: Southend 526139

Assistant Editor

K. Dyke,
155 North Road,
Westcliff-on-Sea,
Southend,
Essex.
Telephone: Southend 353473

Assistant Librarian

D. Holliday,
22 Albany Avenue,
Westcliff-on-Sea,
Southend,
Essex.
Telephone: Southend 62357

Vice President

D.C.M. Durrant,
172 Trinity Road,
Southend-on-Sea,
Essex
Telephone: Southend 610576

Hon Treasurer

R. Faulks,
276 South Avenue,
Southend-on-Sea,
Essex.

Journal Editor

F. Gardner,
22 Grove Road,
Rayleigh
Essex.
Telephone: Rayleigh 747630

Librarian

A.: Moltino,
56 Westcliffe Park Drive,
Westcliff-on-Sea,
Southend
Essex
Telephone: Southend 353539

Public Relations Officer

A. Smith,
39 Willow Walk,
Hadleigh,
Essex.
Telephone: Southend 555540

Social Secretary

Mrs A. Cheswright,
2 Cedar Avenue,
Wickford,
Essex.
Telephone: Wickford 2531

Open Show Secretary

A. Smith,
39 Willow Walk,
Hadleigh,
Essex.
Telephone: Southend 55554-0

Committee Member

D. Finch,
165 Bull Lane,
Rayleigh,
Essex.
Telephone: Rayleigh 775677

Co-opted Committee Member

Mrs L. Faulks,
276 South Avenue,
Southend-on-Sea
Essex.

Journal sales for the last issue only just passed the amount of complimentary copies, surely it can't be that dull and uninteresting. It's ten pence a copy, even if you don't read it, it's a cheap way of insulating the fish-house. If there are any features that you would like to see in the journal, let me know. Better still, write a piece yourself.

Due to mix-ups all round a fish was disqualified from the table show in March, This was due to the combined inexperience of both competitor and Judge (myself). Perhaps the fish should have been quietly removed from the bench and nothing more said. I was unaware of this option at the time and so disqualified the fish, which was not of the species in the class. It was not a pleasant decision to make and I hope that it hasn't put the owner of the fish off showing at future table shows.

With our glorious English summer just around the corner some of our members will be doing the rounds of the various Open Shows. The mere S.L.A.D.A.S. members who make the effort, the more chance this Society has of winning trophies. This can only add to the prestige of the Society and raise the standard of fish in members' tanks. Don't be afraid to enter a fish, it may be better than you think

DON'T MARRY AN AQUARIST

By M.C. Mash.

Reprinted from S.L.A.D.A.S. Journal, January, 1950.

The advice herein offered concerns, in the main, the fair sex, but the Male of the species may pick up a few hints.

Of course those poor creatures already mated to an Aquarist may be commiserated with, (they are to be pitied!) but this illuminating picture of what they may have to contend with, should deter those beautiful females who are about to plunge into the matrimonial pool.' My advice is —don't!

It all began with the budding Aquarist bringing home a solitary Goldfish he had won at the "Local" in a darts tournament. Knowing nothing of oxygenation, chemical analysis, or fishy environment, he proudly placed the glass bowl on the piano and invited some of his cronies to admire it.

He next purchased a packet of Ants' eggs and made a nice layer of about 1½ inches thick on the surface of the water.

In a few days he wonders why the water is turning to a nice pea-soup content, and hits on the bright idea of changing the water at least once a day. The ill-treated fish is by now minus half its scales, ; its dorsal is beautifully streamlined, and it takes on a look of.....

pathetic submission,,

One day the B.A. (Budding Aquarist) meets a pal who "Knows what's what about fish", and he (the B.A.) is persuaded to invest in a very much second-hand aquarium,, (By this time the unfortunate goldfish has got wings, and is given a "Posh funeral in the compost heap!") He spends his money on a couple of runts deciding to make a fresh start..

To the dismay of Mrs . B.A., who is preparing the greens in the kitchen sink, she is pushed on one side to make room for the 10 x 8 x 8 tank! a bag of sand is emptied onto the draining-board, and soon gets nicely mixed with the Spinach!

Then the brimful tank is carried into the Drawing-Room leaving a miniature river in its wake, in which the B. A. slips on his return, and acquires a sprained ankle,,

And so the serial continues, In spite of a disabled foot, the enthusiastic, B.A. (whose blood is, by now, heated to fever-pitch with the fishkeeping mania.) Spreads out his plants on the Drawing-room carpet, slops water in the easy-chairs, and throws spare and decomposed pieces of Elodea and Water-fern in the grate.

By this time Mrs..B.A.. is getting slightly "cheesed-off;" so with gentle persuasion she gets B.A. to remove his "Blankety-blank" aquarium into the spare room upstairs.

Of course the stair carpet suffers in the process, and eventually a nice damp patch appears in the Dining-room ceiling beneath the spare room. In due course flakes of white-wash flutter down into the soup at dinner, and into the jam at tea-time. ;

We may skim over the events such as the fusing of the lights on five occasions, the dog getting shock through treading on the bare ends of a loose flex, the upsetting of a saucerful of concentrated Permanganate on the best Damask tablecloth, the collapse of a stack-pipe that had been diverted into a rainwater butt, and the occasion when some nice juicy Blood-worms were chopped up on the pastry-board .The baby was caught playing with the Tubifex and Mrs. B.A. was forever out of cooking-salt.

A bad attack of Gill-worm was successfully treated by B.A. ---- but all the patients died'

The family gathered round to see the tank re-glazed, when it developed a leak, and half a pound of best putty was well trodden into the Axminster. To crown everything a jar of Daphnia was upset into a Radiogram, and Grandma found a defunct Guppy in her bed!

PRESIDENT'S PAGE

Well once again we approach very near to our 1978 Open Show and by the time you read this it will be Open Show day, that is providing I get this to Fred and Ken so that they can get the Journal into print.

There are just a few things I would like to mention to help fill this page.

I hope everyone has some success today, we all know it is not possible for everyone to win a prize, but if you don't put your fish on the bench you will never know, it is too late to wait until the day of the Show and say I wish I had put my fish in for showing, as I have a fish at home that would eat that one. Sorry you are too late by then the Show is finished. So let us see plenty of fish on the bench please.

The Mayor and Mayoress will be at the Show about 4.30 p.m. and will be giving out something like 200 Trophies, plus our Lottery Draw and raffle so there are quite a lot of things to be won at S.L.A.D.A.S Open Show, and I wish you all every success..

Thank you for coming and thank you for your support without this our Show would not exist.

I would like to take this opportunity in thanking all the Southend members who have worked hard for the past year to make this Show a success thank you all.

A.J.Chapman PRESIDENT.

AQUATIC SHOP

Telephone

BASILDON

21680

LARGEST SELECTION OF
DRY GOODS IN ESSEX

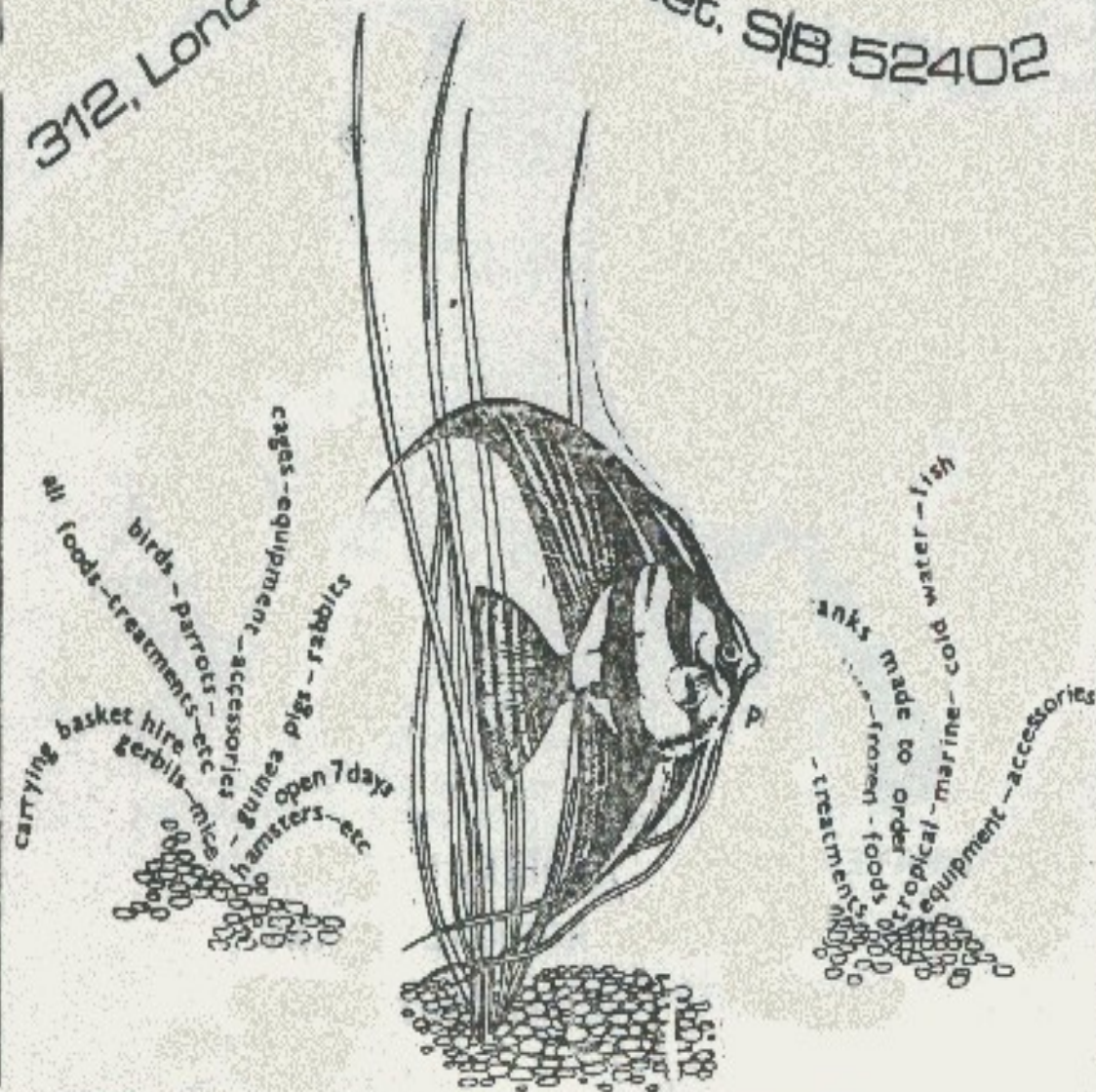
TROPICAL MARINE FISH



COLDWATER AND TROPICAL FISH
LARGE SELECTION OF TROPICAL PLANT
(COLDWATER IN SEASON)

DJ TROPICALS & PETS

312, London Road, Benfleet, S/B 52402

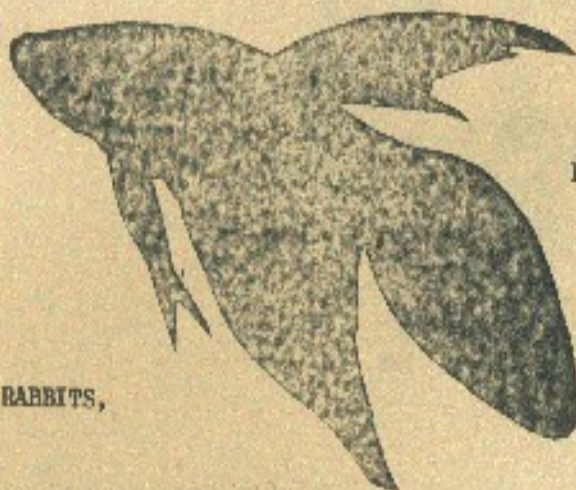




Bretts Tropical & Pet Shop

3 - 10 YORK RD MARKET
SOUTHEND-ON-SEA, ESSEX
PHONE 610474

TROPICAL AND COLDWATER FISH
ALL EQUIPMENT, PLANTS ETC.



FOODS AND MEDICAL AIDS

PUPPIES,

KITTENS, RABBITS,

HAMSTERS, GERBILS, BUDGIES, CANARIES GUINEA PIGS CAGES

AND ALL LIVE STOCK

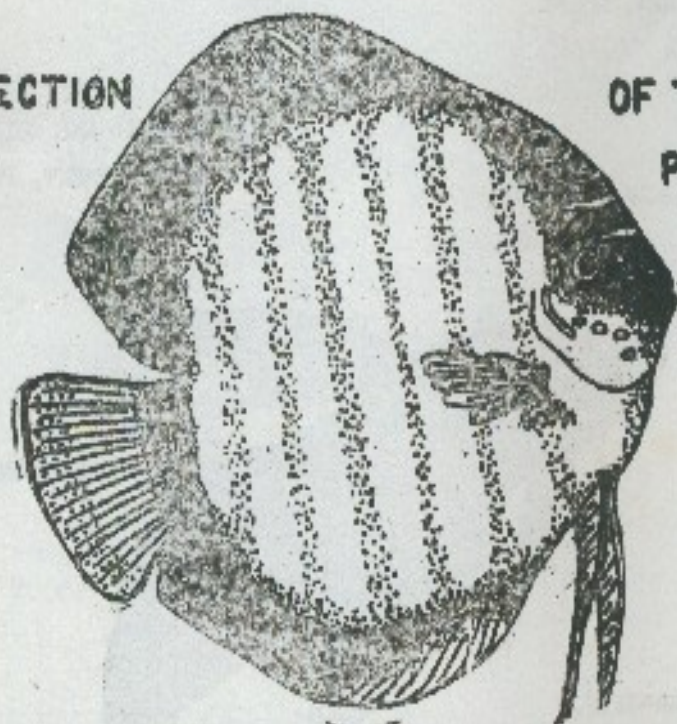
ALL AT

BRETTS TROPICAL AND PET SHOP.

P. & P. Tropicals

LARGE SELECTION
FISH &

OF TROPICAL
PLANTS



TANKS MADE TO CUSTOMERS SPECIFICATION

58 EASTWOOD ROAD
RAYLEIGH
ESSEX

RAYLEIGH 4755

FOODS

D.M. Cheswright

Fishes seem to eat most things that live in water plus other livestock and, of course, dry foods. I hope that the following will be useful, especially to new-comers to our hobby.

1. Dry Foods

These come in powder, flake, tablets and pellets. The powder foods come in many grades and the particularly useful ones are the very fine Fry foods for baby fishes. Flake food seems to-be the best for all bigger fishes and it can easily be powdered between your fingers to whatever size you want. Tablets are O.K. but are very expensive. They are useful for bottom-living fishes such as catfish. Pellets are normally for Coldwater Fishes and come in various Bite-sizes. Some tropicals will also take these and they are considerably cheaper than other dry foods.

2, Pond Life

Daphnia (Water fleas) is the most well-known. These can be bought or, if you are very lucky, collected from the wild.

Other pond life useful as foods are Glassworms and Bloodworms, both of which are Midge larvae. You can buy Bloodworms live or frozen but they are expensive. There are other bigger things in ponds but it is best to leave these where they are unless you know exactly what they are. Do not collect live foods where there are fishes as you will probably bring home disease or parasites.

3 Cultured Foods

You can easily culture 3 types of worm.

- a) Whiteworm. This is about ½" long and suitable for fishes of about 2" and over.
- b) Grindal Worm. About ¼" long and O.K. for smaller fishes.
- c) Microworm. This is very, very small and is suitable only for very young fry.

Initial cultures can be bought or obtained from other club members, or shops.

4 Earthworms

These you have to dig up although I believe that even they can be bought at some shops. They have to be cut up to bite-sizes with scissors. They are an extremely good food for all fishes.

5. Ox-heart

Buy this frozen; you can then cut-up or grate as and when required and keep it in the freezer. Make sure it is fully thawed out "before feeding,

6. Brine Shrimp

Again, only suitable for young fry. You buy the eggs and hatch them in salt water, straining the shrimps through a handkerchief - they are that small. Points to remember are:- do not put the eggs into your aquarium- this has been done many times!! pour a small amount of non-salty water through to rinse off some of the salt before feeding., These seem to be best growth food for fry but the eggs are very expensive at present.

7 For the newly hatched Egg-layer fry very fine food is needed for the first few days. There are some very fine dry foods available. Infusoria can be cultured but can be messy. Milk can be used - 1 or 2 drops in a pint of water slowly dripped into the tank continually. The main thing is not to over-feed fry as you can easily foul up the tank. Change some of the water carefully every day or so. If you spawn the pair in a small tank - get the fry moved to a bigger one as soon as it is safe to do so. This is usually possible at about 2. weeks old.

SOUTHEND, LEIGH & DISTRICT AQUARIST SOCIETY

MINUTES of the Committee Meeting held at 276 South Avenue, Southend-on-Sea, Essex, on 10th January 1978.

Present: President, Vice-President, Secretary, Treasurer, Messrs. Smith, Dyke, Holliday, Dyer, Finch, Gardner and Mrs. Cheswright and Mrs. Faulks,,

The Meeting commenced at:8.35 p.m.

1. Matters Arising.

President asked Treasurer to have Membership cards ready for next Meeting. He said that estimate of cost of Library Box will be about £20/£25. : .

Mr. Durrant asked re 2nd Social date for 1978 and Mrs. Cheswright said this was not decided yet. Some members had asked if a Social could be held in Southend area and Mr. Durrant suggested Great Wakering where cost of hall would be about £12 against £28 at the Paddocks. It would have to be on a Friday,, It was agreed that Mrs. Cheswright look into this.

2. Treasurer's Report,

Balances held £190. 85. Treasurer said that Cheese and Wine Party had cost £32 against Budget of £45. Profit on Social was £39-35. Secretary said that Rent, £24 and F.B.A.S. Fee £6 had to be paid. Also are we to have Medals for Table Shows? These cost about £36 last year.

3. A.O.B.

Mr. Holliday said that Mr. Samuels of Chingford had a long outstanding Library Book. Agreed he should contact him by telephone or letter. He also suggested that Mr. Smith writes to F.B.A.S. Journal re. the missing Open Show Trophies. Mr. Holliday suggested Show Secretary do drawings of fish to use in a "Name The Pish Competition" at the Open Show. Mr Smith noted this but feeling was that his drawings are so good that everyone would get them right !

Mrs. Cheswright said that a price had to be agreed for the March Social. President said that the Group would cost an extra £30. Agreed at £1. 75 Mr. Durrant agreed to have tickets printed. Secretary said that there is a Petfish Meeting in London on 21st January to discuss the Tableaux for 1978. President said that he would attend this. Agreed to ask members on 17th January re. those interested in building a Tableau. Secretary also said that he had arranged a Meeting on 25th January at Fortune of War with East London re. Inter-Clib. He will try to find another Club to replace Corringham.

Mr. Durrant asked about the Inter-Club with Ilford on 13th March; Secretary said he has heard nothing and will contact them.

Secretary reported on F.B.A.S. A.G.M. on 3rd December.

A Dinner/Dance may be held this Year and Clubs were asked to let F.B.A.S. know if they would attend. Agreed we would, if within a radius of about 40 miles. There were only 9 entries at the Petfish Show for the Supreme Championship out of 30 odd and F.B.A.S. are going to look into this lack of support.

To date £100 has been donated to the Frank Tomkins Memorial Fund . of which we gave £10 and 1 person gave £50, Secretary said he thought this was very poor out of about 180 affiliated Societies, The F.B.A.S. are 40 years old and a special Best Fish card will be given to each Open Show.

Meeting closed at 11.45. p.m.

SOUTHEND, LEIGH & DISTRICT AQUARIST SOCIETY

Minutes of Committee Meeting held at 2 Cedar Avenue, Wickford, Essex on 28th February 1978.

Apology from A. Smith due to work.

Present President, Vice-president, Secretary, Treasurer and Messrs. Holliday, Gardner, Dyke, Dyer, Moltino, Finch, Mrs Cheswright and Mrs Faulks.

Matters arising, Mr. Moltino asked re. the Inter-club,, Secretary said there would be only us and East London; some others had been contacted but were not interested, mainly because they are already involved in Inter-clubs. Secretary said the dates will be 20th June, Southend and 18th August at East London.

Mr. Holliday reported that the Library Book had been returned from Chingford with £1 for fines. Secretary has sent letter of thanks. Mr. Dyer said that cost of Insuring Trophies would be too high. Secretary confirmed that Table Show medals were now to hand and would cover Year ended 31st Oct. 1978. It was agreed to order to cover to March 1979 later in the Year.

Treasurer's Report Balance held £174.52. Treasurer said that Subs, are slow coming in. Raffle prizes are costing more but still show a reasonable profit. Secretary gave President catalogue from C. J. Skilton and suggested we buy a stock of raffle prizes as we can have 25% discount. President to look into this.

A.O.B. Mr. Holliday asked how many books members can borrow at one time. A maximum of 2 was suggested as members can change at each meeting; they can also renew if no other members want a certain book.

Secretary mentioned article in **Southend Standard** containing various errors on fish-keeping and stating that R. Wallings is the Chairman. He had written to the Editor who replied saying they would check with us before publishing anymore articles on the subject. The Editor also asked for details of the Society.

The meeting closed at 11.30 p.m.

SOUTHEND, LEIGH & DISTRICT AQUARIST SOCIETY

Minutes of Committee meeting held at 32 Symons Avenue, Eastwood, Leigh-on-Sea, Essex

Present President, Secretary, Treasurer, Messrs Gardner, Dyke, Smith, Pinch, Holliday, Moltino, Dyer, Mrs Faulks and Mrs Cheswright
Apology from Vice-president who has to attend an F.B.A.S. Meeting.

1. Matters Arising Mr Holliday asked re the Library keys.

President said there were now 6. Agreed that Librarian and Assistant hold 1. each and President keeps the other 4.

Mr Gardner reported that we had obtained the 2 belts for the Duplicator for £5.07. Mr, Dyke now has these .

Mrs Cheswright reported that the Outing to Diss is on 11th June 9 a.m. from Southend, £1.50 adults and 75p children., Mr. Laughlin will give us a conducted tour at 1.0 p.m. Mrs Cheswright has asked for a quote for Brighton on 2nd July.

Mr. Finch asked about the lateness of the 1978/9 Programme cards. Secretary said that Eastons had posted the copy to the typesetters about 2 weeks ago and they said they received it only on 25th March. Eastons say they should post the proof by 29th March. Mr, Gardner asked about the Committee approving the programme and Secretary said he had mentioned contents briefly at last Committee meeting.

- - .

Mr Moltino asked re. Library Box, President said that wood had been bought for £17.88. It was agreed that the Open Show trophies must be made first.

Mr. Smith said he still had no reply as to whether the Mayor or his Deputy could come to the Open Show. Judges are all booked.

Secretary said that Mr Spicer says that the rest of the Membership cards were put in the Library and should still be there, Agreed that Librarian sorts out box at next meeting. There are also a quantity of old Aquarists, etc. in the box which can be sold at the next auction

2. Treasurers Report Copy attached, Balance held £136.69. Treasurer said that there were 8 new Jnr. Members but other subs, were slow,

A.O.B. Mr. Gardner complained about the Secretary making remarks to him re the disqualification of a Sucking Loach from class L on 21st March whilst he was reporting as judge. Secretary said he was sorry if Mr Gardner was annoyed at his remarks but had thought that he needed prompting as had seemed to pause and Secretary thought he was not sure what to say about this disqualified fish, ; He said he would not make any remarks if Mr. Gardner judged again. President said that he had also said something to Mr. Gardner at the time, Mr, Dyer said that he had told the Member that the fish could not be entered but the Member had not removed it. This was a new member and Secretary said that it should not have been disqualified but should not have been accepted in the first place as an entry; it is up to the Show Secretary as to whether he accepts entries,

Mr. Dyke asked re the Marine Table Show. Secretary said he had put this on the. programme as to be judged at members homes. Agreed to ask members if they want this,

Mrs Cheswright said that the hall had been booked at Gt. Watering for Social on Friday 27th October, 8 - Midnight,

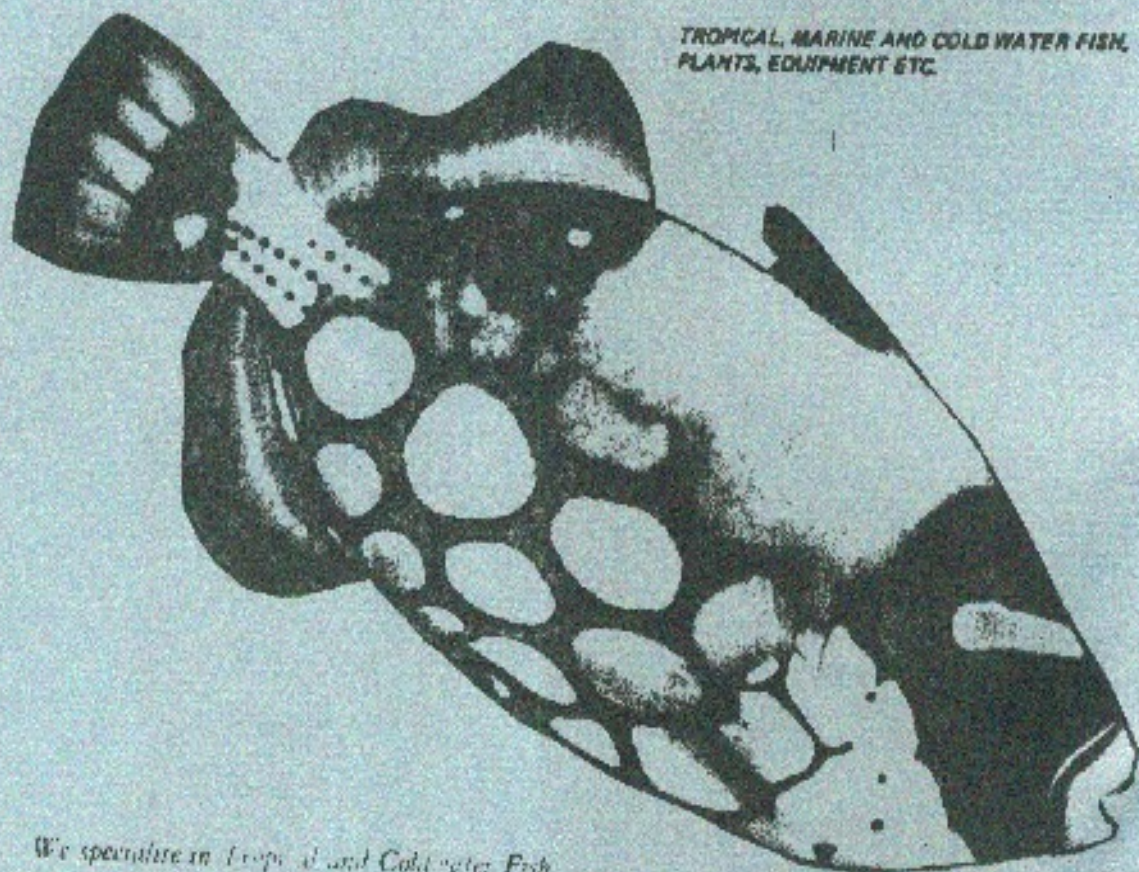
Mr, Finch asked if a full Committee list could be printed in Journal and Mr, Gardner said it was already. He also asked re information re Show in "Aquarist" and Mr, Smith said he has just sent this and to "Petfish".

Open Show Dates 1978

May	14 th 20 th	Bournemouth A.S. SOUTHEND
June	4 th 17 th	Sudbury A.S. South Park Aquatic (Study) Soc. At Winblon S.W.19
July	2 nd 8/9 th 16 th 22 nd	Brighton & Southern A.S. COACH TRIP being arranged Romford & Becontree A.S. South-East London A.S. Basingstoke A.S. All livebearers Show
Sept	3 rd 9 th 9 th 10 th 17 th	Bethnal Green A.S. Hounslow A.S. Kingston A.S. Harlow A.S. Hastings A.S.
Oct	7 th	East London A. & D.A.S. Breeders, etc.

Studio One Aquatics

TROPICAL, MARINE AND COLD WATER FISH,
PLANTS, EQUIPMENT ETC.



*We specialise in Tropical and Cold water Fish,
Plants, Food and equipment*
MARINE
But above all advice and help given on your aquarium

M.W. & M.J. WOOD

1 Elm Road, Leigh-on-Sea, Essex

Tel: Southend-on-Sea 75328

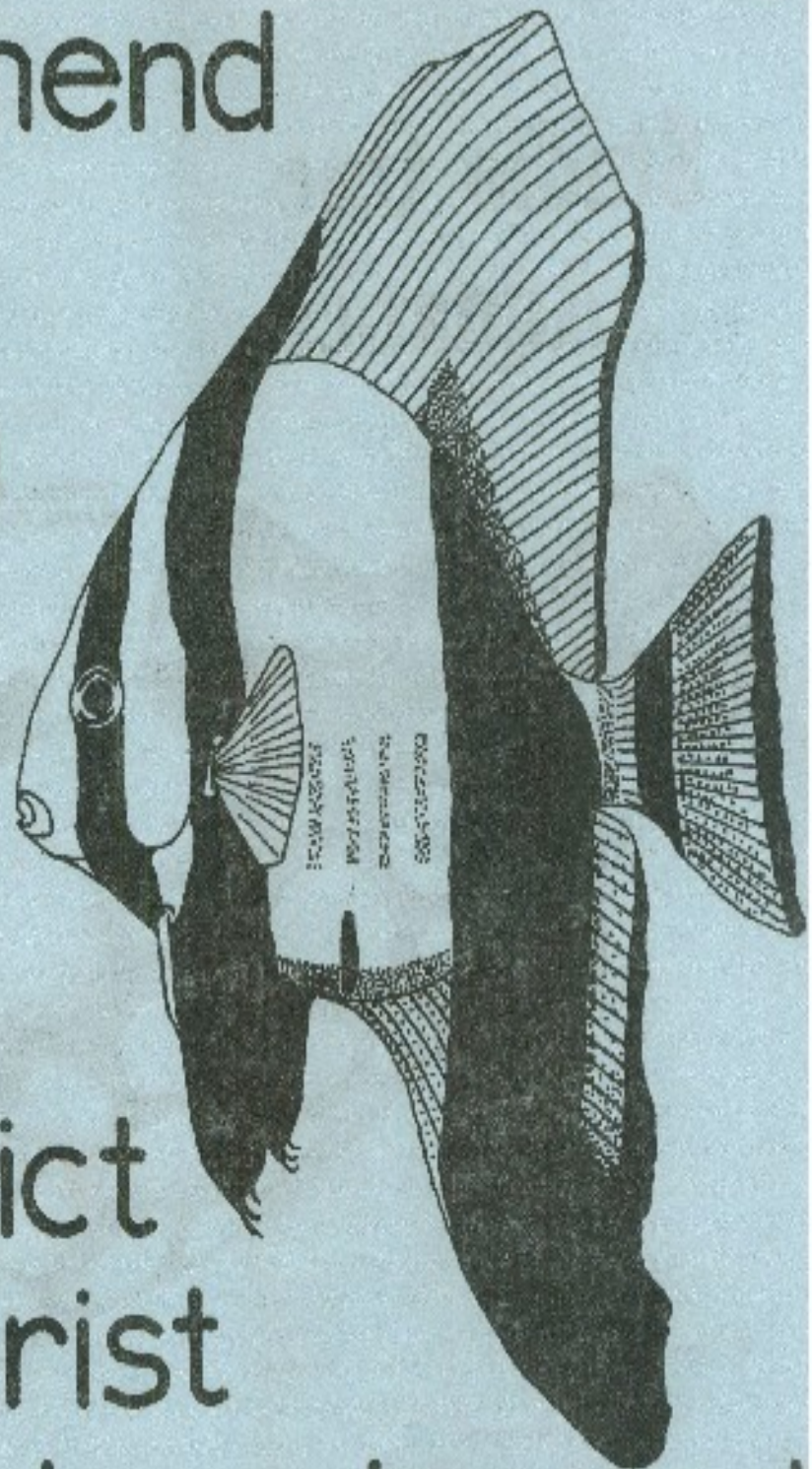
Southend

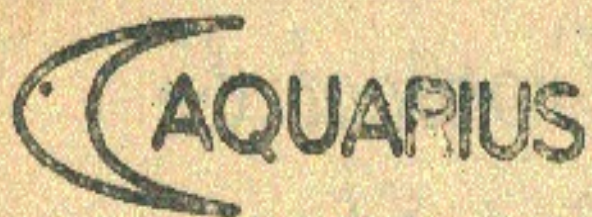
Leigh

and

District
Aquarist
Society.

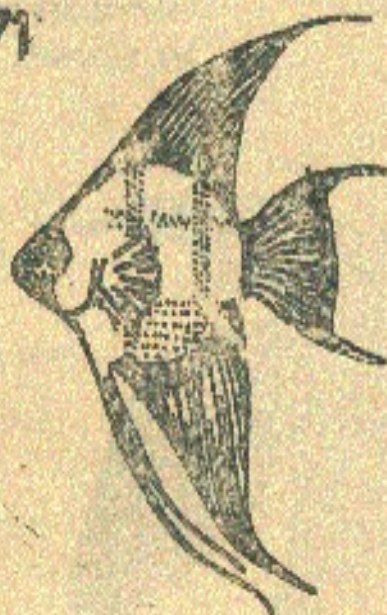
Journal





81 Leigh Road
Leigh-on-Sea
Essex.

Telephone :
(0702) 310071



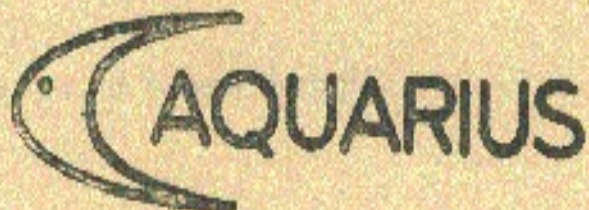
We Cater for All Aquarists

MARINE FISH & INVERTEBRATES

FRESHWATER TROPICALS

COLDWATER FISH

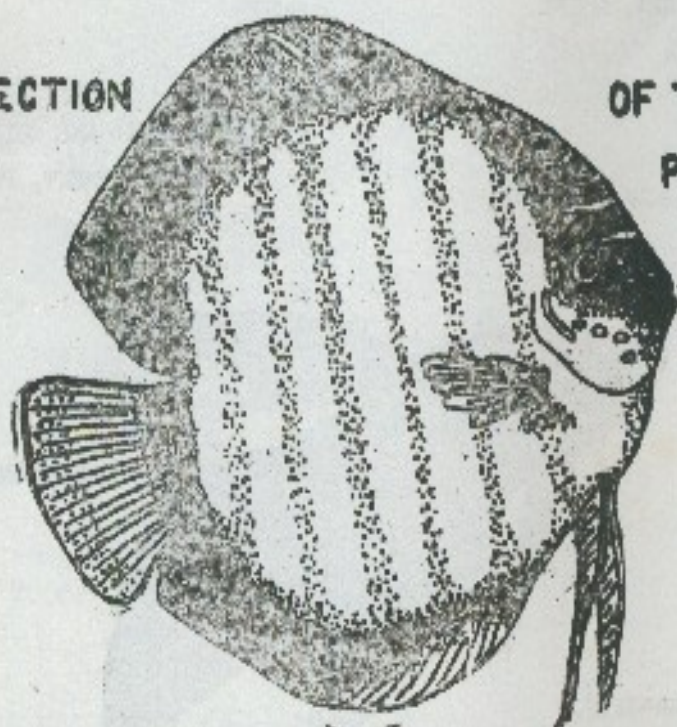
Tropical Freshwater
Fish, Plants and
Aquatic Products.



P. & P. Tropicals

LARGE SELECTION
FISH &

OF TROPICAL
PLANTS



TANKS MADE TO CUSTOMERS SPECIFICATION

58 EASTWOOD ROAD
RAYLEIGH
ESSEX

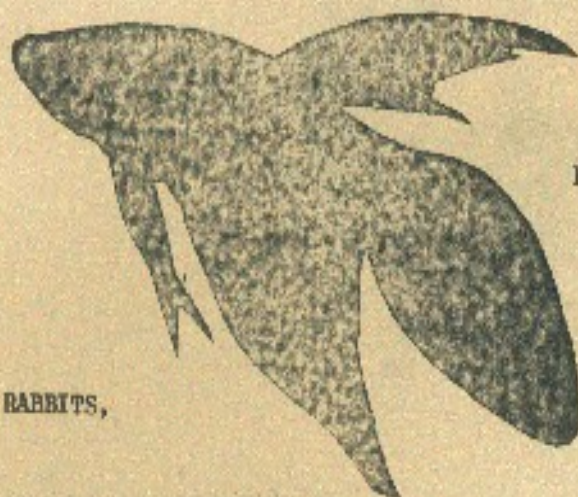
RAYLEIGH 4755



Bretts Tropical & Pet Shop

3 - 10 YORK RD MARKET
SOUTHEND-ON-SEA, ESSEX
PHONE 610474

TROPICAL AND COLDWATER FISH
ALL EQUIPMENT, PLANTS ETC.



FOODS AND MEDICAL AIDS

PUPPIES,

KITTENS, RABBITS,

HAMSTERS, GERBILS, BUDGIES, CANARIES GUINEA PIGS CAGES

AND ALL LIVE STOCK

ALL AT

BRETTS TROPICAL AND PET SHOP.

C O N T E N T S

SUBJECTS

COMMITTEE 1978

EDITORIAL

PRESIDENT'S PAGE

ETROPLUS MACULATUS P. GARDNER

TABLE SHOW RESULTS

Permission to reprint any article from this Journal is granted provided acknowledgment is given to the Author and SLADAS, and two copies of the publication are sent to this Society.

Compilers notes This issue did not have a issue Number nor the Months of issue but is thought to be Number 73, there are also no page numbers and we have resisted the temptation to add these to this copy, as we wish to reproduce the Journal exactly as it was first printed

Peter Capon March 2011

OFFICERS, FOR 1978

President

A. Chapman,
5B Fairlop Avenue,
Canvey Island,
Essex.
Telephone: Canvey 6714-4-

Hon Secretary

D. Cheswright,
2 Cedar Avenue,
Wickford,
Essex.
Telephone: Wickford 2531

Table Show Secretary

G. Dyer,
32 Symons Avenue,
Eastwood,
Leigh-on-Sea,
Essex.
Telephone: Southend 526139

Assistant Editor

K. Dyke,
155 North Road,
Westcliff-on-Sea,
Southend,
Essex.
Telephone: Southend 353473

Assistant Librarian

D. Holliday,
22 Albany Avenue,
Westcliff-on-Sea,
Southend,
Essex.
Telephone: Southend 62357

Vice President

D.C.M. Durrant,
172 Trinity Road,
Southend-on-Sea,
Essex
Telephone: Southend 610576

Hon Treasurer

R. Faulks,
276 South Avenue,
Southend-on-Sea,
Essex.

Journal Editor

F. Gardner,
22 Grove Road,
Rayleigh
Essex.
Telephone: Rayleigh 747630

Librarian

A.: Moltino,
56 Westcliffe Park Drive,
Westcliff-on-Sea,
Southend
Essex
Telephone: Southend 353539

Public Relations Officer

A. Smith,
39 Willow Walk,
Hadleigh,
Essex.
Telephone: Southend 555540

Social Secretary

Mrs A. Cheswright,
2 Cedar Avenue,
Wickford,
Essex.
Telephone: Wickford 2531

Open Show Secretary

A. Smith,
39 Willow Walk,
Hadleigh,
Essex.
Telephone: Southend 55554-0

Committee Member

D. Finch,
165 Bull Lane,
Rayleigh,
Essex.
Telephone: Rayleigh 775677

Co-opted Committee Member

Mrs L. Faulks,
276 South Avenue,
Southend-on-Sea
Essex.

To a Fish

reprinted from Hamilton D.A.S, Canada Bulletin, author not known.

Consider the fish as a household pet.
You have nothing to do but keep him wet.
His bearing is mild, his manners neat.
His face is calm and his breath is sweet.
He doesn't bark and he doesn't sing.
He doesn't bite or scratch or sting.
He doesn't shed feather or fur or hairs.
All over the sofa ,carpet or chairs.
You never find him underfoot.
You put him somewhere and he stays put.
He asks but little but here below.
Just food to eat and room to grow.
If either of these is long denied.
When you look for him he has quietly died.

Editor's comment - Oh Yea !

EDITORIAL

The A.G.M. is upon us again and the election of the 1979 Committee. Let's see if this year we can raise this annual occasion of apathy and reluctance to one of enthusiasm. The Society needs enthusiasm to keep it alive, and the Committee is only a reflection of the enthusiasm of the members. Too often people have to be dragged kicking and screaming onto the Committee and a reluctant committee member is not a good committee member.

This year several of the existing committee officers will not be standing for re-election, so an injection of new blood will be necessary. If you know someone who you think would be a useful person on the committee, don't be shy, propose them at the A.G.M. The A.G.M. is also the time to get any rules changed or added-

This is your Society, so please come along to the A.G.M. If you want change in the way the Society is run it is up to you to bring about that change.

I have edited this Journal for a year now, and its erratic publication has been due to lack of time, not lack of interest. Unfortunately I will have even less time next year, so I will not be doing this job after the A.G.M.

Finally I would like to take this opportunity to thank Mrs Miell for typing the journal for the Society.

PRESIDENTS PAGE

Hello folks.

Once again it's pen to paper, for another Journal. I can put up with people coming round on a Sunday, so that my dinner is burnt to a cinder, but writing this page is a bit of a bind. Still, that's the way it goes.

Well Winter is drawing near, and having all enjoyed your holidays you can now pack away your swimsuits, forget about ice creams and ice lollies, and get down to some fish keeping.

Now is the time to get out your scrapers, clean your tanks out, and check all your equipment is in good working order. It appears by our records that attendance drops down by 25% during the Summer months. At the last meeting there was a very good attendance and the show table is now getting quite full (smashing !) this is what we want. Keep it up.

By the time this Journal is printed it will be very near the A.G.M. so don't forget we want you there to put the people on the Committee that you want, and not just the people bamboozled into doing a job... Well this is about my lot-

ALAN
The President.

ETROPLUS MACULATUS

According to most books (including Sterba) Orange Chromides are often difficult to sex.. To my knowledge only McInernys 'All About Tropical Fishes' shows the one simple way of telling Mr. and Mrs. Chromide apart. The female has two pale blue lines in her caudal fin, one at the top and the other at the bottom, whereas the male's caudal fin is plain yellowish orange.

They are very peaceful fish, only becoming aggressive at breeding time. Both male and female are very attractive, having red to orange bodies and yellowish fins. There are three black blotches on each side of the body, which merge into a large patch when the fish becomes excited. The ventral fins are deep black, and the parents seem to use these as signalling devices to control their young.

Chromides benefit from the addition of salt to the water, but it does not seem to be absolutely necessary. If a pair seem reluctant to spawn they are often stimulated by adding two teaspoons of salt per gallon of water. They will spawn on almost any flat surface, including Amazon sword leaves. The eggs hang from short adhesive threads and the parents fan them continuously both parents taking turns while the parent not fanning the eggs patrols the tank, guarding against intruders.

I had a pair spawn in a community tank, and they managed to rear the young for three weeks. The parents constantly attacked fish larger than themselves, and even threatened the cat as it sat in front of the tank. Unfortunately as the fry grew older and more adventurous the parents had difficulty keeping them together; and the stragglers were snapped up by the other occupants of the tank..

The eggs hatch after three days, and become free swimming after a further four days.. As the young hatch the parents collect them in their mouths and transfer them to a prepared pit in the gravel. The parents hover over this pit like birds on a nest. Part of the fry's early diet appears to be a substance secreted from the skin of the parents in the same way as Discus. Some people dispute this, but I have never been able to rear fry that have been taken away from the parents.

When the young are free swimming the parents herd them around the tank, and at the first sign of danger the adults' ventral fins flick rapidly and the fry form a tight cluster under the belly of the signaling adult. At other times this fin flicking causes the fry to swim at the parents, making glancing dashes at the sides of the adults' bodies in what seems to be a feeding operation.

The young are large enough to take brine shrimp in the first week after becoming free swimming and will take powdered flake food by the second week. Although I have had no difficulty getting *Chronides* to spawn, the young are not easy to rear. Heavy losses occur at about two weeks, but those that survive seem to do quite well.

Orange *Chromides* do not seem, to be a very popular fish, and are not often seen in dealers tanks. This is a pity, as they make a colourful and peaceful addition to almost any aquarium, and when caring for their young they are one of the most interesting of all fish.

F. GARDNER

SPAWNING HASEMANIA MARGINATUS

by F.J. Walker,
reprint S.L.A.D.A.S JOURNAL Feb' 1952

I bought two of these small characins some time ago, and I had never been at all sure whether they were actually a pair although one of them would keep chasing all the smaller fishes in my community tank, so I thought at last that I would try to find out one way or another.

On December the 10th in the morning, I thoroughly cleaned a 36" by 8" by 8" with salt and filled it with warm water straight from the hot tap. Then I washed and cleaned some cabomba, bladder-wort and elodea and put them in a clump at one end of the tank weighted down with a piece of lead. I came home from work that night at 11.30 (yes I had come straight home from work!) to find that the temperature had settled down to a steady 80°F, so I caught the two fishes and put them straight into their new temporary home. I went to bed with my fingers crossed.

On the following morning at nine o'clock they were chasing madly up and down the tank, and looking a bit closer I saw, to my great surprise, some eggs. I drew up a chair to watch and: they continued to spawn for a further hour, after which time they began to nose around the bottom, so, feeling that the eggs were no longer their property, I promptly returned the fish to their former home.

The first babies appeared on the 12th, and so on the following day there were quite a few sticking tail downwards on the glass. On the 16th they were darting spasmodically about the tank, and I began feeding infusoria from some old water that had held chrysanthemums. For the next five days they had constant infusoria, made from potato and old banana skin, and on the 22nd I began feeding with brine shrimps and very fine "fry grain", and on the 25th they began to take finely sifted daphnia. By the 28th they were feeding hard on anything and everything small enough for them to cope with and had grown to almost a ¼ inch in length.

Since then I have spent many happy but fruitless hours trying to count them, and the male who incidentally has now acquired a lovely bronze hue, is spending equally happy hours once more chasing all comers in the community tank.

EDITOR'S NOTE *Haesmania marginatus*, the silver tips is now classified as *Hemmigrammus nanus*, We kept the old name as a title to wet your appetite, hoping you would think it a new species..

THE NOT SO MERRY WIDOW.

By Mrs.K. Outing.

Reprint S.L.A.D.A.S. Journal March 1952

One hears so many theories on how to get fishes to spawn, that I thought I might record a method I used on some Black Widows last April, - an unorthodox method it is true, but as it happened a most effective one.

My female at this time was very plump and seemed in fine condition, so I put into a 24 x 12 planted with clumps of Elodea and Hygrophila her together with one male in mature water, and awaited results.

The male was definitely keen to become a papa, and did his utmost to instil a little enthusiasm into his mate by constant nudging, showing off and sly nibbling, but she maintained a cold aloofness which clearly indicated, that she considered herself rather above "that sort of thing" . Something obviously had to be done to encourage things a bit, so I put in another two males; but alas this subtle compliment to her wiles fell on stony ground, and although all three "Widowers" flirted round her like flies round the proverbial honey-pot she remained in her corner playing hard to get.

Having lost some of my patience by now, I decided to give the boys a hand, so I filled two enamel jugs, one with hot water ~ it was fairly steaming too - and one with cold from the tap, and took up action stations. Starting with the hot, I poured about a quarter of a pint over her, and she promptly dashed down the tank pursued by her three suitors and took up position as before in the opposite corner; then came a similar douche from the cold jug, and off she went again; this time she wasn't allowed to reach the other end before the hot water came into action again to head her off, and this went on for some minutes - each time she showed up she got an alternate "splosh" of either hot or cold. The males seemed to love this fun and kept after her in true appreciation of my assistance.

At last I noticed a change in her attitude; she began to flit rather coyly through the plants, and sure enough they started to spawn, and what a spawning it was ! Five days later there were swarms of tiny Widows swimming happily around - I think 600 would have been a conservative estimate, and I felt like having my two enamel jugs mounted. But alas, came disaster! A well-meaning friend, from whom I had begged some plants, called next afternoon when I was out and dumped a big batch of assorted plants into the first tank he noticed in the fish house ~ he couldn't have known.....

that what appeared to be an empty tank actually housed hundreds of wee Widows; the plants were later moved, and some two or three days afterwards the number of fry began rapidly to diminish; an extra strong light and a close inspection revealed the horrible truth - the tank was simply swarming with Hydra.

One or two Club members actually witnessed, with me, the action of Hydra catching the fry, and there is no doubt that the fishes while exploring the bottom and sides of the tank for food do bump into the tentacles of the Hydra and become enveloped. We actually salvaged only a very small percentage of the fry, and only eight were finally grown to a reasonable size.

This little account is not intended to be an indication of how to spawn Widows, but if anyone is impressed by the danger of Hydra in a breeding tank, then this humble effort may not have been unavailing.

DOES A WHITEWORM MISS ITS BROTHER?

By M.C.Mash reprint
S.L.A.D.A.S. Journal
August 1952

I wandered o'er the meadow sweet
 With puckered brow and halting feet.
The question is I oft repeat ~
 'Does a white worm miss it's brother?"

The night before with tweezers cler.ched
 A whiteworm from it's lair I wrenched.
Oh! pondering thought that was not quenched:
 'Does a white worm miss it's brother?"

The family life I hnd destroyed;
 It's parents must have been annoyed.
Poor Enchytrae the barb enjoyed -
 'Does a white worm miss it's brother?"

So in this murky world. of strife,
 Consider this - you or your wife -
When contemplating taking life:
 'Does a whiteworm miss it's brother?"

17th OCTOBER -1978

MINI TANKS SENIOR		T. WALLER	PTS.
	C. CHESWRIGHT		73
*	R. DAVIS	TOTAL 215	68
	R. DAVIS		62
	D. HOLLIDAY		58

* TROPHY 5 ENTRIES

.MINI TANKS JUNIOR			
	G. SAVILL		64
	M. PHILLIPS		63½
*	D. PHILLIPS	TOTAL 190	63
	J. WOOD		62

* TROPHY 5 ENTRIES

P - FEMALE GUPPY			
	D. CUDBY		65
	D. CUDBY		64½
	J. WIMBUSH		64
	R. DAVIS		59

5 ENTRIES

Py

S. BOORS	62
----------	----

1 ENTRY

MONEY HANDED IN 70p

Z PLANTS	5/9/78	B, PYE	PTS
C. CHESWRIGHT	CRYPTS		91
C. CHESWRIGHT	CRYPTS		87
C. CHESWRIGHT	CRYPTS		85
D. HOLLIDAY	SALVINIA		84

4 ENTRIES

Zy PLANTS			
J. WOOD	T. VALLIS	*	86
M. PHILLIPS	PLANT		84
M. PHILLIPS	PLANT		81½
D. PHILLIPS TROPHY	PLANT		81

*TROPHY 4 ENTRIES

FRY REARING COMPETITION	F. GARDNER	
D. CUDBY	KRIB FRY	69
D. HOLLIDAY	KRIB FRY	65
P. COLE	KRIB FRY	60
D. CHESWRIGHT	KRIB FRY	57

4 ENTRIES

POND COMPETITION	
R. DAVIES *	74
A. CHAPMAN	68
F. GARDNER	67

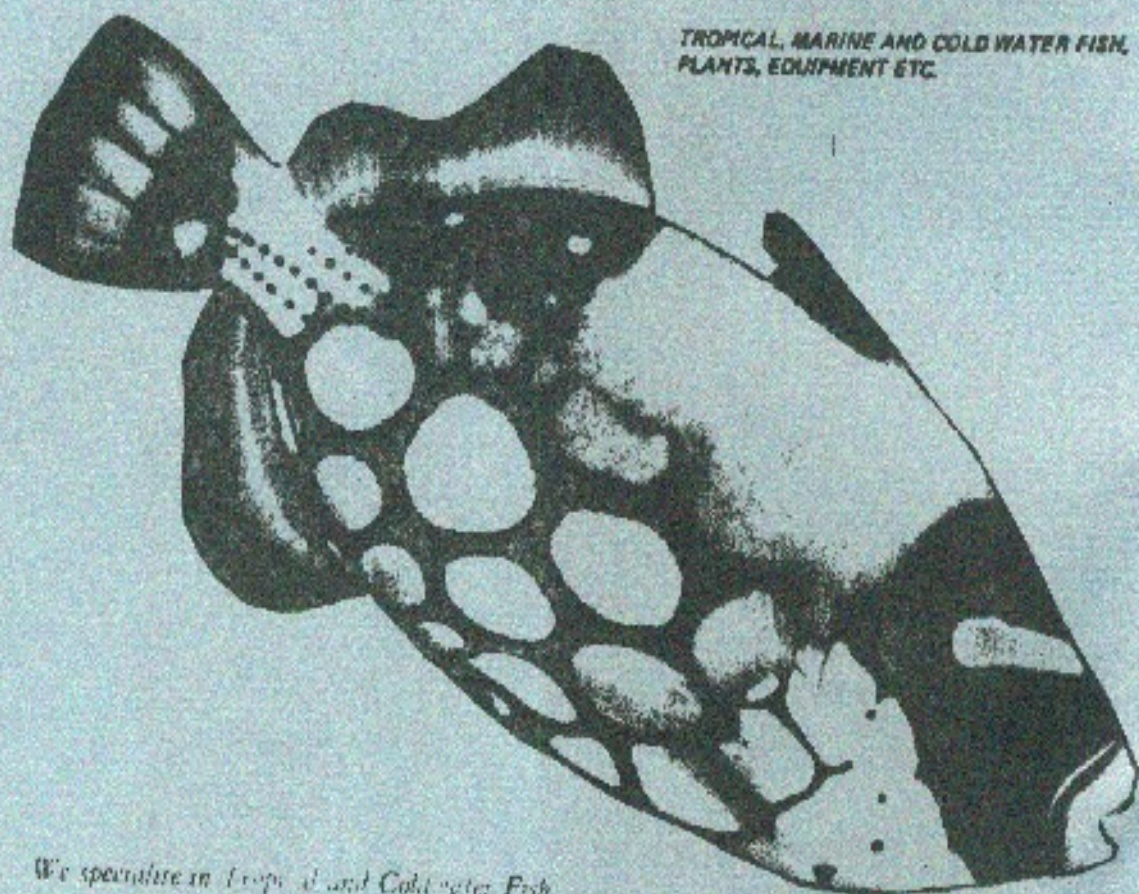
3 ENTRIES

* TROPHY

MONEY HANDED IN 32p

Studio One Aquatics

TROPICAL, MARINE AND COLD WATER FISH,
PLANTS, EQUIPMENT ETC.



*We specialise in Tropical and Cold water Fish,
Plants, Food and equipment
MARINE
But above all advice and help given on your aquarium*

M.W. & M.J. WOOD

1 Elm Road, Leigh-on-Sea, Essex

Tel: Southend-on-Sea 75320